Index to Volume 7

HYPERTENSION JANUARY-DECEMBER 1985

AUTHOR INDEX

Key to abbreviations: A = abstract; Bk Rev = book review; BR = brief review; CC = clinical conference; D = debate; E = editorial; L = letter; PS = position statement; RC = rapid communication; SR = special report.

A

Aalkjær C, 277
Abboud FM, 848 (A-49)
Abe K, 53
Abraham NG, 899
Adachi Maki, 187
Adachi Michiko, 187
Adams SP, 469 (BR)
Adragna NC, 132
Akabane S, 913
Akahane K, 3
Alderman MH, 979
Alexander RW, 447 (RC), 844 (A-30)
Allen KJ, 287
American Heart Association, 655 (PS)
Anderson GH, 593
Anderson GH Jr, 196
Anderson WP, 893
Andersson G, 688
Andersson OK, 586
Arakawa K, 125
Aronoff GR, 438
Ashida T, 972
Atlas S, 845 (A-37)
Auchincloss JH Jr, 196
Aviv A, 300
Avolio AP, 675
Aylward PE, 848 (A-49)
Azar S, 398

B

Baczynskyj L, 847 (A-44)
Baglin A, 81
Ball NA, 722
Barber BR, 319
Barbier P, 995
Barrett JD, 843 (A-27)
Barron KW, 216
Bartter FC, 989
Bauer CA, 533
Baumbach GL, 59
Bayorh MA, 507
Beahm E, 1023
Beierwaltes WH, 27
Beilin LJ, 707, 886
Benedict CR, 593
Ben-Ishay D, 729
Berecek KH, 849 (A-56)
Berenbaum SA, 333
Berglund GL, 97, 688
Berkowitz BA, 306 (RC)
Berl T, 923
Bernstein RS, 578
Biaggioni I, 846 (A-39)
Bianchi C, 841 (A-18)
Bianchi G, 319
Binder BR, 32
Biollaz J, 845 (A-38)
Birch R, 578
Bishop VS, 722
Bittle CC Jr, 989
Blaine EH, 386
Blake S, 1003
Blaustein MP, 652 (L), 818 (SR), 834 (L), 847 (A-44)
Boerwinkle E, 955
Bohr DF, 839 (A-9), 847 (A-45), 860
Bolli P, 838 (A-5)
Bolt GR, 499
Borer JS, 979
Borhani NO, 1031 (L)
Borkowski KR, 47
Bouhnik J, 844 (A-33)
Bouthier J, 675
Boylan JW, 423
Bravo EL, 90
Brecher P, 843 (A-26)
Brock TA, 447 (RC), 844 (A-30)
Brody MJ, 216
Brooks B, 847 (A-43)
Brouwer RML, 838 (A-5)
Brunner HR, 223, 845 (A-38)
Brunner-Ferber F, 845 (A-38)
Bühler RF, 838 (A-5)
Bürgisser E, 838 (A-5)
Burnett JC Jr, 846 (A-42)
Burton J, 837 (A-4)
Byers LW, 847 (A-43)

C

Cantin M, 841 (A-18), 846 (A-40)
Carey M, 1003
Carlson W, 13, 837 (A-1), 844 (A-33)
Carr AA, 948
Carretero OA, 27, 843 (A-29)
Carroll MA, 850 (A-60)
Casadei R, 597
Castenfors J, 688
Catania R, 1023
Chaimovitz C, 923
Chan TCK, 519
Chang JL, 132
Chang PC, 146
Chao J, 931
Chao L, 931
Chen Y-F, 842 (A-24)
Chobanian AV, 843 (A-26)
Chrétien M, 846 (A-40)
Clausen T, 277
Clegg KB, 843 (A-27)
Codde JP, 886
Cody RJ, 845 (A-37)
Coghian JP, 287
Cole BR, 469 (BR)
Cole FE, 491, 905
Coleman TG, 562
Collis MG, 47
Cook EF, 118
Corvol P, 844 (A-33), 855
Covit AB, 845 (A-37)
Cowley AW Jr, 562
Cox RH, 747
Coyle P, 844 (A-32)
Crook JE, 652 (L)
Crozier I, 838 (A-8)
Cuche J-L, 81
Cullens MM, 812 (RC)
Currie MG, 469 (BR)

D

Darga LL, 702
Daugherty S, 848 (A-47)
Davis JO, 39, 841 (A-20)
de Faire U, 688
Deguchi F, 972
Delawi IMK, 714
Demmert G, 849 (A-55)
Dene H, 340, 767
Denison AL, 840 (A-13)
Denton DA, 287
Denton KM, 893
de Simone G, 204
Deslongchamps M, 838 (A-6)
Deutsch J, 729
Devereux RB, 171 (BR), 979
Devoisin M, 81
DiBona GF, 350, 357
Do YS, 845 (A-34)
Dorer FE, 72
Dorhout Mees EJ, 714
Douglas F, 848 (A-50)
Dowell R, 847 (A-43)
Dunbar JB, 818 (SR)
Dustan HP, 90
Dzau VJ, 850 (A-59), 853 (E)

E

Ebert TJ, 602
Eby B, 657 (BR)
Eggena PH, 843 (A-27), 1023
Ellis M, 923
Eloy L, 292
Ely D, 842 (A-22)
Emancipator SN, 72
Ernsberger PR, 848 (A-48)
Espiner EA, 681, 812 (RC), 838 (A-8), 849 (A-52)
Estigarribia JA, 702
Evin G, 844 (A-33)

F

Faber JE, 216
Fagerberg B, 586
Fei DTW, 287
Feig PU, 423
Feinstein AR, 313 (E), 1030 (L)
Ferrandi M, 319
Ferrari P, 319
Ferrario CM, 65
Ferrell F, 326
Feuerstein G, 507
Field FP, 228
Figueiredo AFS, 236
Fineberg NS, 438, 848 (A-47)
Fiorentini C, 995
Fitzpatrick MA, 842 (A-21)
Fixler DE, 417
Floras JS, 848 (A-49)
Folkow B, 842 (A-22)
Ford-Hutchinson AW, 843 (A-25)
Forgiarini P, 797
Fouad FM, 90
Franco-Saenz R, 791
Frederickson E, 848 (A-50)
Freeman RH, 39, 841 (A-20)
Freis ED, 849 (A-51)
Friberg P, 842 (A-22)
Friedman SM, 873
Fritel D, 81
Fritz L, 845 (A-34)
Frohlich ED, 491, 905
Fuhrer W, 797
Fujii AM, 253
Fujishima M, 392
Furspan PB, 847 (A-45), 860

G

Gaffney FA, 417
Galen F-X, 844 (A-33)
Galli C, 995
Ganeval D, 292
Ganten D, 849 (A-55)
Garcia R, 841 (A-18), 846 (A-40)
Gavras H, 850 (A-57)
Gavras I, 850 (A-57)
Geller DM, 469 (BR)
Genest J, 841 (A-18), 846 (A-40)
Gerber A, 963
Gimbrone MA Jr, 447 (RC), 844 (A-30)
Gödicke W, 182
Goldberg LI, 848 (A-50)
Goldman L, 118
Goldstein DS, 842 (A-23)
Gomez HJ, 845 (A-38)
Granata AR, 848 (A-48)
Granger HJ, 364
Granger JP, 846 (A-42)
Gray SD, 326
Greene LJ, 244
Grekin RJ, 839 (A-9)
Griendling KK, 844 (A-30)
Griffing GT, 178
Grim CE, 848 (A-47)
Grundy S, 818 (SR)
Grünfeld J-P, 292
Guazzi MD, 995
Guédon J, 81
Gulati N, 797
Gutkowska J, 841 (A-18), 846 (A-40)
Guyenet PG, 839 (A-12)

H

Haas E, 938
Haber E, 1 (E), 13, 311 (E), 837 (A-1), 844 (A-33), 853 (E)
Hajdu I, 182
Haley AB, 386
Hamilton EJ, 681
Hamlyn JM, 652 (L), 847 (A-44)
Handschumacher M, 844 (A-33)
Hankin J, 405
Hansen TR, 333
Hanspal J, 843 (A-26)
Harris T, 118
Harshfield GA, 171 (BR)
Hartford M, 97, 688
Hartley LH, 837 (A-1)
Hasegawa O, 839 (A-11)
Hashizume K, 838 (A-7)
Hatinoglou S, 850 (A-57)
Haywood JR, 722
Healy DP, 752
Hedner T, 586
Heistad DD, 59, 844 (A-32)
Hemker DP, 840 (A-13)
Hinderliter A, 842 (A-21)
Hirose S, 3, 837 (A-3)
Hiwada K, 837 (A-2)
Hiwatari M, 547
Hofbauer KG, 797
Hollister AS, 846 (A-39)
Horan MJ, 818 (SR)
Hsueh WA, 845 (A-34)
Hubbard JW, 747
Huelsemann JL, 374
Huey LY, 140
Hui KY, 837 (A-1)
Hyman D, 165 (E)
Hypertension Detection and Follow-up Program Cooperative Group, 105

I

Ibayashi S, 392
Ichikawa I, 867
Iijima F, 783
Iijima Y, 837 (A-2)
Iizuka K, 3
Ikeda M, 569, 913, 972
Ikram H, 681, 812 (RC), 838 (A-8), 849 (A-52)
Imai T, 837 (A-3)
Imaizumi T, 262
Inagami T, 236, 844 (A-31), 846 (A-39)
International Prospective Primary Prevention Study in Hypertension Collaborative Group, 840 (A-16)
Ishizuka Y, 187
Ito K, 972
Izumi Y, 791

J

Jackson EK, 844 (A-31)
Jain A, 443
Janowsky DS, 140
Januszewicz A, 905
Jespersen LT, 734
Jing-yun P, 722
Johnson M, 955
Johnston CI, 547
Joyce SL, 812 (RC)
Julius S, 842 (A-21)

K

Kachadorian W, 818 (SR)
Kahn JR, 72
Kaneko Y, 839 (A-11)
Kangawa K, 838 (A-7)
Kannel W, 118
Kaplan NM, 165 (E), 818 (SR)
Kardon MB, 905
Karlström G, 842 (A-22)
Karplus M, 13
Kass EH, 411
Katayama S, 554
Kawasaki J, 838 (A-7)
Kawashima S, 525
Keane WF, 398
Keiser HR, 842 (A-23)
Kimura G, 972
Kimura S, 187
Kino M, 300
Kirby DA, 380
Kitazumi T, 113
Kiyonaga A, 125
Kjeldsen K, 277
Knight DR, 380
Koepke JP, 350, 357
Kohashi N, 491, 905
Koike H, 837 (A-2)
Kojima S, 972
Kokubu T, 837 (A-2)
Koomans HA, 714
Kopelman RI, 668
Kopin IJ, 507, 842 (A-23)
Koshy TJ, 938
Kotake A, 848 (A-50)
Kotchen TA, 818 (SR)
Krieger EM, 244
Kuchel O, 151 (CC)
Kumahara Y, 742, 838 (A-7)
Kuramochi M, 972

L

LaCorte W, 443
Laird WP, 417
Lang R, 849 (A-55)
Lappe RW, 216
Laragh JH, 171 (BR), 845 (A-37), 979
Lau K, 657 (BR)
Lauria R, 204
Lawler JE, 747
Lazure C, 846 (A-40)
Lee JB, 554
Lee TJ-F, 514
Leenen FHH, 593
Lentz KE, 72
Levenson J, 675
Levere RD, 899
Levi M, 923
Lewis LV, 938
Liang C, 525
Lichtenstein AH, 843 (A-26)
Lichtstein D, 729
Liedholm H, 688
Limas C, 760, 840 (A-15)
Limas CJ, 760, 840 (A-15)
Linden JM, 846 (A-41)
Lindheimer MD, 842 (A-24)
Ling WD, 839 (A-9)
Littner M, 1023
Ljungman S, 688
Ljungman SMG, 97
Loaldi A, 995
Lockette WE, 843 (A-29)
Loeb AL, 804 (RC)
Lombardi G, 204
Lopez-Moreno JM, 1017
Loscalzo J, 850 (A-59)
Lucas CP, 702
Luft FC, 438, 848 (A-47), 849 (A-55)
Luscher TF, 843 (A-28)
Lutas EM, 979

M

MacGregor GA, 628 (D)
MacPhee AA, 491, 905
Madias NE, 668
Magee PFA, 849 (A-51)
Mahana D, 1017
Maier M, 32
Malik KU, 783
Mancia G, 597
Manning RD Jr, 562
Margolius HS, 931
Mark AL, 59, 840 (A-14), 848 (A-49)
Marone C, 963
Marsh EA, 386
Maslowski AH, 681
Masugi F, 742
Matsueda G, 844 (A-33)
Matsukawa T, 839 (A-11)
Matsuo H, 838 (A-7)
Mazack EK, 839 (A-10)
McCarron DA, 607 (D)
McCauley J, 668
McCoy C, 848 (A-50)
McCubbin JA, 808 (RC)
McGee D, 405
McGiff JC, 850 (A-60)
McGinty D, 1023
McGowan HM, 886
McGuire PG, 483
McKenzie DE, 374
McMahon FG, 443
McShane A, 1003
Meeley MP, 848 (A-48)
Meininger GA, 364
Mekler J, 729
Melby JC, 178
Menard J, 844 (A-33), 855
Menard MR, 873
Michener ML, 469 (BR)
Mikami H, 65
Mikkelsen EO, 734
Millan VG, 668
Miller JW, 196
Miller JZ, 848 (A-47)
Miller MJS, 850 (A-60)
Minc D, 729
Mitchell PP, 423
Mitchell VP, 747
Miura Y, 187
Miyajima E, 839 (A-11)
Miyazawa H, 867
Molina DJ, 989
Morey MC, 132
Morgan DA, 840 (A-14)
Moriguchi I, 3
Morisawa Y, 837 (A-2)
Morris M, 850 (A-58)
Moura A-M, 292
Mroczkowski PJ, 652 (L)
Muirhead EE, 847 (A-43)
Mukherjee D, 695
Mullane KM, 899
Müller FB, 838 (A-5)
Mulrow PJ, 791
Mulvany MJ, 277, 734
Murakami E, 837 (A-2)
Murakami K, 3, 837 (A-3)
Murphy M, 848 (A-50)
Myers MG, 593

N

Naftilan AJ, 850 (A-59)
Nagae A, 837 (A-2)
Nagahama S, 842 (A-24)
Nakagawa S, 3
Nakai M, 913
Nakamaru M, 844 (A-31)
Nakamura N, 855
Napier MA, 386
National Heart, Lung, and Blood Institute, 452 (SR), 457 (SR)
Needleman P, 469 (BR)
Nezu M, 187
Nicholls MG, 681, 812 (RC), 838 (A-8), 849 (A-52)
Nilsson H, 842 (A-22)
Nolan PL, 547
Nordlander M, 842 (A-22)
Nørgaard A, 277
Norris DJ, 578
Noshiro T, 187
Notvest RR, 879
Novotny J, 844 (A-33)
Nussberger J, 223, 845 (A-38)
Nutt RF, 386
Nyborg NCB, 734
Nyby M, 1023

O

Ogihara T, 742, 838 (A-7)
Ogura H, 113
Oh W, 411
Ohashi H, 187
Ohlstein EH, 306 (RC)
Okunishi H, 837 (A-4)
Oltmans GA, 333
Omae T, 392
Onrot J, 846 (A-39)
Oparil S, 824 (CC), 842 (A-24)
Opgenorth TJ, 846 (A-42)
Osmond DH, 845 (A-35)
Otsuka A, 742
Otsuka Y, 843 (A-29)
Otterbein ES, 845 (A-38)
Owens GK, 804 (RC)
Ozawa T, 113

P

Paller MS, 841 (A-17)
Panthier J-J, 855
Parati G, 597
Peach MJ, 804 (RC)
Pedersen OL, 734
Pegram BL, 905
Persson B, 586
Pettinger WA, 841 (A-19)
Pfennig TW, 840 (A-13)
Pickering TG, 171 (BR), 979
Pierson RN Jr, 578
Pinto A, 899
Polli E, 319
Pomidossi G, 597
Ponte P, 845 (A-34)
Prada J, 27
Prinseau J, 81
Printz MP, 752
Prisant LM, 948
Puddey IB, 707
Pullen GL, 333

Q

Quinn P, 47

R

Raij L, 398
Raine AEG, 838 (A-5)
Ramos-Frendo B, 292
Rana H, 32
Rapp JP, 340, 767, 775
Reaven GM, 702
Reed DM, 405, 1030 (L)
Reingeissen L, 81
Reis DJ, 262, 848 (A-48)
Reis G, 979
Renerts L, 938
Richards AM, 681, 812 (RC)
Richardson RL, 196
Richelson E, 955
Riesen W, 963
Ringel RE, 652 (L)

Risch SC, 140
Rittenhouse SE, 447 (RC), 844 (A-30)
Roche AF, 695
Rodriguez-Portales JA, 1017
Rogers P, 707
Romeis P, 849 (A-55)
Romero JC, 846 (A-42)
Roos JC, 714
Rosner B, 411
Rossi R, 204
Rougeon F, 855
Rouse IL, 707
Routh LK, 364
Ruget G, 81
Ryan JR, 443

S

Sadakane N, 113
Sadoshima S, 392
Saeki S, 742
Safar ME, 675
Saito A, 514
Saito M, 569
Salazar J, 846 (A-42)
Sambhi MP, 843 (A-27)
Sanders BJ, 747
Santos RAS, 244
Saper CB, 469 (BR)
Saxena PR, 499
Schatzkin A, 118
Schenden JA, 847 (A-44)
Schiebinger RJ, 846 (A-41)
Schiffrin EL, 838 (A-6), 846 (A-40)
Schwartz D, 469 (BR)
Schwartzman ML, 850 (A-60)
Scipione P, 938
Scoggins BA, 287
Scopacasa F, 204
Searle BM, 300
Seidah NG, 846 (A-40)
Seino M, 53
Selz F, 81
Seymour AA, 386, 839 (A-10)
Shammas RA, 840 (A-13)
Shenker Y, 839 (A-9)
Shimada K, 113
Shimoni Y, 729
Shinagawa T, 845 (A-34)
Shindo M, 125
Shiokawa O, 392
Siervogel RM, 695
Simon AC, 675
Simopoulos AP, 818 (SR)
Sing CF, 955
Singer P, 182
Skeggs LT Jr, 72
Sleight P, 163 (E)
Sloan RS, 438
Smeby RR, 65
Smith SG, 839 (A-10)
Smyth DD, 841 (A-19)
Snajdar RM, 775
Sole MJ, 593
Soltis EE, 228
Soubrier F, 855
Sowers JR, 1023
Spokas E, 899
Spragg J, 837 (A-4)
Standaert DG, 469 (BR)
Starlinger M, 32
Stephenson RB, 840 (A-13)
Stern N, 1023
Sterzel RB, 374
Stewart DE, 849 (A-52)
Streeten DHP, 196
Stull R, 842 (A-23)
Sugawara T, 187
Sun M-K, 839 (A-12)
Sundberg DK, 850 (A-58)
Surwit RS, 808 (RC)
Sutter MC, 519
Suzuki H, 65
Sved AF, 262
Sweet WD, 39

T

Tabuchi Y, 838 (A-7)
Takahashi M, 187
Takii Y, 236
Talman WT, 262
Tam H, 845 (A-34)
Tamborini G, 995
Tamura H, 300
Tanaka H, 125
Tanaka I, 846 (A-39)
Tanaka T, 972
Tarazi RC, 90, 849 (A-53)
Taswell HF, 955
Thibault G, 838 (A-6), 841 (A-18), 846 (A-40)
Thomas FD, 196
Thorén P, 840 (A-14)
Thulin T, 688
Tillman DM, 931
Tobian L, 851 (A-61)
Tochikubo O, 839 (A-11)
Tokushige A, 300
Tomanek RJ, 533
Tommaselli AP, 204
Torielli L, 319
Toriyabe S, 187
Torretti BA, 541
Tosi E, 995
Tresham JJ, 287
Trippodo NC, 491, 905
Trizio D, 319
Tsuchiya M, 569
Tsunoda K, 53
Tual J-L, 81
Turner ST, 955
Twietmeyer TA, 483

U

Uehara Y, 851 (A-61)
Uehlinger D, 963
Umemura S, 841 (A-19)
Umeyama H, 3
Unger T, 849 (A-55)

V

Valentino R, 204
Van Breemen C, 845 (A-36)
van Brummelen P, 146
Vandongen R, 707, 886
Vanhoutte PM, 843 (A-28)
Van Itallie TB, 578, 818 (SR)
Varde AU, 938
Vari RC, 841 (A-20)
Vatner SF, 253, 380
Verburg KM, 841 (A-20)
Vermeij P, 146
Veterans Administration Cooperative Study Group on Antihypertensive Agents, 1008
Victor RG, 840 (A-14)
Villarreal D, 39, 841 (A-20)
Voigt S, 182

W

Waeber B, 223, 845 (A-38)
Wagner DV, 59
Wahlander H, 842 (A-22)
Wall RA, 519
Wallentin I, 97
Walley T, 1003
Walter U, 430
Wang J, 578
Wang X, 287
Wangler RD, 533
Watkins LO, 948, 1031 (L)
Weder AB, 541, 847 (A-46)
Weidmann P, 963
Weinberger MH, 438, 848 (A-47)
Weinreich D, 268
Weinsier RL, 578
Weiss M, 182
Wells JE, 681
Werber AH, 59
Whinnery MA, 386
Whitworth JA, 287
Wikstrand J, 688
Wikstrand JCM, 97
Wilcox CS, 374
Wilczynski EA, 845 (A-35)
Williams GH, 1034 (Bk Rev)
Williams RB Jr, 808 (RC)
Williams RS, 132
Williamson JR, 849 (A-54)
Wilson SL, 417
Wilson TE, 178
Wood JM, 797
Woodley CM, 931
Worcel M, 292
Working Group on Risk and High Blood Pressure, 641 (SR)
Woynarowska B, 695
Wyse DG, 211

Y

Yabe Y, 837 (A-2)
Yamamoto J, 569, 913
Yandle TG, 681, 812 (RC), 838 (A-8)
Yang E, 841 (A-19)
Yang M-U, 578
Yano K, 405
Yared A, 867
Yarowsky P, 268
Yokouchi M, 972
Yoshida F, 392
Yoshimi H, 913
Yoshinaga K, 53, 187
Yoshioka T, 867

Z

Zambraski EJ, 879
Zhegu Z, 32
Zimlichman R, 842 (A-23)
Zinner SH, 411
Zukowska-Grojec Z, 507
Zusman RM, 837 (A-1)

Index to Volume 7

HYPERTENSION JANUARY-DECEMBER 1985

SUBJECT INDEX

A

Abstracts, Council for High Blood Pressure Research
Abstracts of the Council for High Bood Pressure Research 39th Annual Fall Conference and Scientific Sessions, 836
Acetylcholine
Central cardiovascular effects of physostigmine in humans, 140
In vivo influence of prostaglandin I_2 on systemic and renal circulation in the rat, 867
Acetyl glyceryl ether phosphorylcholine
Role of acetyl glyceryl ether phosphorylcholine in blood pressure regulation in rats, 742
Adolescent hypertension
Body size, composition, and fitness in adolescents with elevated blood pressures, 417
Adrenergic receptor blockade
Acute vasodilator action of pindolol in humans, 146
Cardiovascular and metabolic profile during intervention with urapidil in humans, 963
Hypertension in hypoglycemic diabetics treated with θ-adrenergic antagonists, 443
Monitoring 24-hour blood pressure in a drug trial: evaluation of a noninvasive device, 688
A randomized trial of treatment based on the beta blocker oxprenolol: the International Prospective Primary Prevention Study in Hypertension (IPPPSH), 840 (A-16)
α-Adrenergic receptors
α_1-Adrenergic receptor binding in the spontaneously hypertensive rat, 333
Effect of dietary sodium on platelet α_2-adrenergic receptors in essential hypertension, 972
θ-Adrenergic receptors
Cardiac θ-adrenergic receptors in salt-dependent genetic hypertension, 760
Central θ-adrenergic receptors mediate renal nerve activity during stress in conscious spontaneously hypertensive rats, 350
The effects of epinephrine on norepinephrine release in essential hypertension, 187
Adrenocorticotropic hormone
Onset and dose relationships of ACTH effects on blood pressure in sheep, 287
Aging
Age-related changes of baroreflex function, plasma norepinephrine, and blood pressure, 113
Blood pressure experience and risk of cardiovascular disease in the elderly, 118
Central cardiovascular effects of physostigmine in humans, 140
Dissociation of 24-hour catecholamine levels from blood pressure in older men, 1023
Evidence of early degenerative changes in large arteries in human essential hypertension, 675
Alcohol
Chronic ethanol consumption, stress, and hypertension, 519
Diet, blood pressure, and multicollinearity, 405
Evidence for a direct effect of alcohol consumption on blood pressure in normotensive men: a randomized controlled trial, 707
Aldosterone
Direct measurement of sodium influx in vascular smooth muscle: stimulation by aldosterone, 873
Endogenous angiotensin-aldosterone-pressure relationships during sodium restriction, 681
The sympathetic nervous system and hypertension in primary aldosteronism, 90
Ambulatory blood pressure
Ambulatory blood pressure monitoring, 163 (E)
Lack of alerting reactions to intermittent cuff inflations during noninvasive blood pressure monitoring, 597
Monitoring 24-hour blood pressure in a drug trial: evaluation of a noninvasive device, 688
What is the role of ambulatory blood pressure monitoring in the management of hypertensive patients? 171 (BR)
Angioplasty, percutaneous transluminal
Percutaneous transluminal renal angioplasty in nonatherosclerotic renovascular hypertension: long-term results, 668
Angiotensin I
Angiotensin-producing serum enzyme II: formation by inhibitor removal and proenzyme activation, 938
Angiotensin II
Angiotensin increases inositol trisphosphate and calcium in vascular smooth muscle, 447 (RC)
Angiotensin II-induced formation of diacylglycerol in cultured vascular smooth muscle, 844 (A-30)
Captopril potentiates chronotropic baroreflex responses to carotid stimuli in humans, 602
Cerebrospinal fluid angiotensin II immunoreactivity is not derived from the plasma, 65
The contribution of vasopressin and angiotensin to the maintenance of blood pressure after autonomic blockade, 547
Converting-enzyme inhibitor administration lowers urinary free 19-Nor-deoxycorticosterone levels, 178
Direct evidence of beta adrenergic receptor-mediated release of angiotensin II from isolated rat mesenteric vasculature, 844 (A-31)
Direct versus indirect pressor and vasoconstrictor actions of angiotensin in conscious dogs, 253
Dynamic regulation of angiotensin II receptors in vascular smooth muscle cells, 841 (A-17)
Effects of a calcium entry blocker on blood pressure and renal function during angiotensin-induced hypertension, 374
Endogenous angiotensin-aldosterone-pressure relationships during sodium restriction, 681
Inhibition of the kallikrein-kinin system and vascular reactivity in Bartter's syndrome, 1017
Role of angiotensin II in renal wrap hypertension, 893
Angiotensin converting enzyme
An improved fluorometric assay of rat serum and plasma converting enzyme, 244
Animal experimentation
Position of the American Heart Association on research animal use: a statement for health professionals by a task force appointed by the Board of Directors of the American Heart Association, 655 (PS)
Animal studies, dog
Angiotensin-producing serum enzyme II: formation by inhibitor removal and proenzyme activation, 938
Cerebrospinal fluid angiotensin II immunoreactivity is not derived from the plasma, 65
Direct versus indirect pressor and vasoconstrictor actions of angiotensin in conscious dogs, 253
Effects of a calcium channel blocker on cardiac output distribution in conscious hypertensive dogs, 380
Effects of baroreceptor denervation on volume loading hypertension in anephric dogs, 562
Sodium and volume depletion activates neurogenic mechanisms in renal hypertensive dogs, 39

Systemic and coronary hemodynamic effects of pinacidil in awake normotensive and hypertensive dogs, 525
Animal studies, monkey
Effects of a specific and long-acting renin inhibitor in the marmoset, 797
Animal studies, mouse
Characterization of monoclonal and polyclonal antibodies to human tissue kallikrein, 931
Animal studies, rabbit
Cardiovascular profile and hypotensive mechanism of ketanserin in the rabbit, 499
Cyclic guanosine monophosphate mediates vascular relaxation induced by atrial natriuretic factor, 306 (RC)
Interaction of vasopressin and prostaglandins through calcium ion in the renal circulation, 53
A new mechanism in one-kidney, one clip hypertension, 72
Role of angiotensin II in renal wrap hypertension, 893
Animal studies, rat
α_1-Adrenergic receptor binding in the spontaneously hypertensive rat, 333
Angiotensinogen levels in the brain and cerebrospinal fluid of the genetically hypertensive rat, 752
Aortic endothelial junctions in developing hypertension, 483
Application of immunochemical methods to the identification and characterization of rat kidney inactive renin, 236
Atrial natriuretic factor in Dahl rats: atrial content and renal and aortic responses, 775
Autonomic innervation of cerebral blood vessels decreases in renal hypertensive rats, 514
Autoregulation and vasoconstriction in the intestine during acute renal hypertension, 364
Cardiac β-adrenergic receptors in salt-dependent genetic hypertension, 760
Cardiac contractile and coronary flow reserves in deoxycorticosterone acetate–salt hypertensive rats, 569
Cardiac mass and peripheral vascular structure in hydralazine-treated spontaneously hypertensive rats, 734
Central β-adrenergic receptors mediate renal nerve activity during stress in conscious spontaneously hypertensive rats, 350
Cerebral autoregulation in young spontaneously hypertensive rats: effect of sympathetic denervation, 392
Changes in prostanoid synthesis in response to diet and hypertension in one-kidney, one clip rats, 886
Chronic ethanol consumption, stress, and hypertension, 519
The contribution of vasopressin and angiotensin to the maintenance of blood pressure after autonomic blockade, 547
Demonstration of a ouabainlike plasma compound in hypertension prone and hypertension resistant rats, 729
Development and characteristics of inbred strains of Dahl salt-sensitive and salt-resistant rats, 340
Direct measurement of sodium influx in vascular smooth muscle: stimulation by aldosterone, 873
Does renin determine the blood pressure response to calcium entry blockers? 223
Effect of glandular kallikrein on renin release in isolated rat glomeruli, 27
Effects of a calcium entry blocker on blood pressure and renal function during angiotensin-induced hypertension, 374
Effects of antiglucocorticoids on glucocorticoid hypertension in the rat, 292
Effects of prostaglandin synthesis inhibitors on the renin-angiotensin system and renal function, 791
Effects of taurine on stress-evoked hemodynamic and plasma catecholamine changes in spontaneously hypertensive rats, 913
Epinephrine enhances neurogenic vasoconstriction in the rat perfused kidney, 47
Erythrocyte membrane transport in hypertensive humans and rats: effect of sodium depletion and excess, 423
Exercise training attenuates stress-induced hypertension in the rat, 747
Factors that influence stroke in Dahl salt-sensitive rats, 59
High sodium intake enhances renal nerve and antinatriuretic responses to stress in spontaneously hypertensive rats, 357
Hypertension in experimental diabetes mellitus: renin-prostaglandin interaction, 554
An improved fluorometric assay of rat serum and plasma converting enzyme, 244
Inability of dorsal spinal rhizotomy to prevent renal wrap hypertension in rats, 722
Increased membrane permeability of skin fibroblasts from the spontaneously hypertensive rat, 300
In vivo influence of prostaglandin I_2 on systemic and renal circulation in the rat, 867
Longitudinal study of salt preferences in normotensive and hypertensive rats, 326
Loss of accommodation in sympathetic neurons from spontaneously hypertensive rats, 268
Lymphocyte abnormalities in three types of hypertension in the rat, 860
Maternal effects on blood pressure and survivability in inbred Dahl salt-sensitive rats, 767
Mechanism of acute hypercalcemic hypertension in the conscious rat, 923
Mesenteric vascular reactivity in dexamethasone-treated hypertensive rats, 783
Nonproportional changes in plasma renin concentration, renal renin content, and rat renin messenger RNA, 855
Ouabain binding and Na^+ content in resistance vessels and skeletal muscles of spontaneously hypertensive rats and K^+-depleted rats, 277
Overall and regional hemodynamic effects of leukotriene D_4 in spontaneously hypertensive rats, 507
Prevention of coronary vasodilator reserve decrement in spontaneously hypertensive rats, 533
Rat atrial natriuretic peptides inhibit oxygen consumption by rat kidney, 491
Rat platelets activate high molecular weight atrial natriuretic peptides in vitro, 905
Red blood cell abnormalities and spontaneous hypertension in the rat: a genetically determined link, 319
Renal and blood pressure responses to synthetic atrial natriuretic factor in spontaneously hypertensive rats, 386
Role of acetyl glyceryl ether phosphorylcholine in blood pressure regulation in rats, 742
Role of hypertension in progressive glomerular immune injury, 398
Selective antagonism of humoral versus neural vasoconstrictor responses by nisoldipine, 216
Vascular reactivity in the spontaneously hypertensive rat: effect of high pressure stress and extracellular calcium, 228
Vasopressin contributes to hypertension caused by nucleus tractus solitarius lesions, 262
Animal studies, sheep
Onset and dose relationships of ACTH effects on blood pressure in sheep, 287
Animal studies, swine
Baroreflex control of renal sympathetic nerve activity in hypertensive miniature swine, 879
Effect of the protease inhibitor aprotinin on renal hemodynamics in the pig, 32
Erythrocyte lithium transport changes induced by deoxycorticosterone acetate treatment in pigs, 541
Evidence for endothelium-derived relaxing factor in cultured cells, 804 (RC)
Presence of cytochrome P-450–dependent monooxygenase in intimal cells of the hog aorta, 899
Antiglucocorticoids
Effects of antiglucocorticoids on glucocorticoid hypertension in the rat, 292
Antihypertensive agents
Cardiac mass and peripheral vascular structure in hydralazine-treated spontaneously hypertensive rats, 734
Cardiovascular profile and hypotensive mechanism of ketanserin in the rabbit, 499
Five-year findings of the Hypertension Detection and Follow-up Program: Prevention and reversal of left ventricular hypertrophy with antihypertensive drug therapy, 105
Hypertension in a 74-year-old man with hydronephrosis and coronary disease, 824 (CC)
Hypertension prevalence and the status of awareness, treatment, and control in the United States: final report of the Subcommittee on

Definition and Prevalence of the 1984 Joint National Committee, 457 (SR)
Propranolol or hydrochlorothiazide alone for the initial treatment of hypertension: IV. Effect on plasma glucose and glucose tolerance, 1008
Systemic and coronary hemodynamic effects of pinacidil in awake normotensive and hypertensive dogs, 525
Treatment of patients with mild hypertension, 165 (E)

Antirenin
A new mechanism in one-kidney, one clip hypertension, 72

Aprotinin
Effect of glandular kallikrein on renin release in isolated rat glomeruli, 27
Effect of the protease inhibitor aprotinin on renal hemodynamics in the pig, 32
Inhibition of the kallikrein-kinin system and vascular reactivity in Bartter's syndrome, 1017

Arachidonate metabolism
Cytochrome P450-dependent arachidonate metabolism in hypertension and during altered salt intake by renomedullary cells, 850 (A-60)

Arterial compliance
Evidence of early degenerative changes in large arteries in human essential hypertension, 675

Aspartyl proteases
Construction of a model for the three-dimensional structure of human renal renin, 13
Three-dimensional structure of human renin, 3

Atenolol
Hypertension in hypoglycemic diabetics treated with θ-adrenergic antagonists, 443

Atrial natriuretic factor
Atrial natriuretic factor (ANF) in normal men: renal hemodynamic/hormonal responses, 845 (A-37)
Atrial natriuretic factor in Dahl rats: atrial content and renal and aortic responses, 775
Comparative localization and effect of ANF on angiotensin II (AII) on the glomerulus. An ultrastructural radioautographic and functional study, 841 (A-18)
Cyclic guanosine monophosphate mediates vascular relaxation induced by atrial natriuretic factor, 306 (RC)
Four hour infusion of synthetic atrial natriuretic factor in normal volunteers: metabolic and hormonal effects, 845 (A-38)
Identification of the secreted form of rat atrial natriuretic factor (rANF), 846 (A-40)
The influence of stretch and rate of contraction on ANF secretion by rat atria in vitro, 846 (A-41)
Mechanisms of renin inhibition by atrial natriuretic factor (ANF) in dogs, 841 (A-20)
Modulation of plasma atrial natriuretic factor levels in human subjects by sodium loading and posture change, 846 (A-39)
Plasma atrial natriuretic factor in man: parallel changes with renin, noradrenaline and salt balance, 838 (A-5)
Plasma levels of immunoreactive atrial natriuretic factor (IR-ANF) during the development of DOCA hypertension in pigs, 839 (A-9)
Receptors for atrial natriuretic factor in human platelets: characterization and effects of sodium, 838 (A-6)
Reduced renal perfusion pressure (RPP) attenuates the natriuretic response to synthetic ANF (101-126), 839 (A-10)
Renal and blood pressure responses to synthetic atrial natriuretic factor in spontaneously hypertensive rats, 386

Atrial peptides
Atriopeptins as cardiac hormones, 469 (BR)
Changes in plasma atrial natriuretic polypeptide (ANP) concentration during head-out water immersion and saline infusion in normal man, 838 (A-7)
Effects of α-human atrial natriuretic peptide in essential hypertension, 812 (RC)
Hypotensive effects of chronic infusions of atrial natriuretic peptide in conscious dogs, 846 (A-42)
Production, plasma levels, and clearance of atrial natriuretic peptide in man, 838 (A-8)
Rat atrial natriuretic peptides inhibit oxygen consumption by rat kidney, 491
Rat platelets activate high molecular weight atrial natriuretic peptides in vitro, 905

Atriopeptins
Atriopeptins as cardiac hormones, 469 (BR)
Cyclic guanosine monophosphate mediates vascular relaxation induced by atrial natriuretic factor, 306 (RC)

Autonomic nervous system
Direct versus indirect pressor and vasoconstrictor actions of angiotensin in conscious dogs, 253

Autoregulation
Autoregulation and vasoconstriction in the intestine during acute renal hypertension, 364
Autoregulation of tissue blood flow in essential hypertension, 1003
Cerebral autoregulation in young spontaneously hypertensive rats: effect of sympathetic denervation, 392

B

Baroreceptor reflex
Age-related changes of baroreflex function, plasma norepinephrine, and blood pressure, 113
The baroreceptor reflex in spontaneously hypertensive rats, 839 (A-12)
Baroreflex control of renal sympathetic nerve activity in hypertensive miniature swine, 879
Baroreflexes in acute emotional stress, 840 (A-13)
Captopril potentiates chronotropic baroreflex responses to carotid stimuli in humans, 602
Contrasting effects of high salt diet on cardiopulmonary baroreflexes in Dahl resistant and sensitive rats, 840 (A-14)
Reduced reflex changes in muscle sympathetic nerve activity in patients with essential hypertension, 839 (A-11)

Baroreceptors
Direct versus indirect pressor and vasoconstrictor actions of angiotensin in conscious dogs, 253
Effects of baroreceptor denervation on volume loading hypertension in anephric dogs, 562

Bartter's syndrome
Inhibition of the kallikrein-kinin system and vascular reactivity in Bartter's syndrome, 1017

Benzo[a]pyrene
Presence of cytochrome P-450–dependent monooxygenase in intimal cells of the hog aorta, 899

Blood flow
Autoregulation and vasoconstriction in the intestine during acute renal hypertension, 364
Autoregulation of tissue blood flow in essential hypertension, 1003
Blood flow through cerebral collateral vessels in hypertensive and normotensive rats, 844 (A-32)
Cardiac contractile and coronary flow reserves in deoxycorticosterone acetate–salt hypertensive rats, 569
Cardiovascular profile and hypotensive mechanism of ketanserin in the rabbit, 499
Effects of a calcium channel blocker on cardiac output distribution in conscious hypertensive dogs, 380
Overall and regional hemodynamic effects of leukotriene D_4 in spontaneously hypertensive rats, 507
Role of angiotensin II in renal wrap hypertension, 893

Blood pressure increase
Aortic endothelial junctions in developing hypertension, 483
Evidence for a direct effect of alcohol consumption on blood pressure in normotensive men: a randomized controlled trial, 707
Orthostatic hypertension: pathogenetic studies, 196

Blood pressure monitoring
Ambulatory blood pressure monitoring, 163 (E)
Lack of alerting reactions to intermittent cuff inflations during noninvasive blood pressure monitoring, 597
Monitoring 24-hour blood pressure in a drug trial: evaluation of a noninvasive device, 688
What is the role of ambulatory blood pressure monitoring in the management of hypertensive patients? 171 (BR)

Blood pressure regulation
Cardiovascular and metabolic profile during intervention with urapidil in humans, 963
Insulin and blood pressure in obesity, 702
NIH report on research challenges in nutrition and hypertension, 818 (SR)
Role of acetyl glyceryl ether phosphorylcholine in blood pressure regulation in rats, 742
Blood pressure variation
Blood pressure changes during adolescence and subsequent adult blood pressure level, 695
What is the role of ambulatory blood pressure monitoring in the management of hypertensive patients? 171 (BR)
Blood volume
Sodium balance in renal failure: a comparison of patients with normal subjects under extremes of sodium intake, 714
Body composition
Body size, composition, and fitness in adolescents with elevated blood pressures, 417
Body fat pattern
The relative contribution of body fat and fat pattern to blood pressure level, 578
Book review
Assessment of quality of life in clinical trials of cardiovascular therapies, 1034 (Bk Rev)
Brain angiotensinogen
Angiotensinogen levels in the brain and cerebrospinal fluid of the genetically hypertensive rat, 752
Brief reviews
Atriopeptins as cardiac hormones, 469 (BR)
The role of calcium in genetic hypertension, 657 (BR)
What is the role of ambulatory blood pressure monitoring in the management of hypertensive patients? 171 (BR)

C

Calcium
Angiotensin increases inositol trisphosphate and calcium in vascular smooth muscle, 447 (RC)
Loss of accommodation in sympathetic neurons from spontaneously hypertensive rats, 268
The role of calcium in genetic hypertension, 657 (BR)
State-of-the-art lecture: Calcium activation of vascular smooth muscle, 845 (A-36)
Vascular reactivity in the spontaneously hypertensive rat: effect of high pressure stress and extracellular calcium, 228
Calcium channel blockers
Calcium channel blockade with nitrendipine: effects on sodium homeostasis, the renin-angiotensin system, and the sympathetic nervous system in humans, 438
Does renin determine the blood pressure response to calcium entry blockers? 223
Effects of a calcium channel blocker on cardiac output distribution in conscious hypertensive dogs, 380
Effects of a calcium entry blocker on blood pressure and renal function during angiotensin-induced hypertension, 374
Interaction of vasopressin and prostaglandins through calcium ion in the renal circulation, 53
Mechanism of acute hypercalcemic hypertension in the conscious rat, 923
Selective antagonism of humoral versus neural vasoconstrictor responses by nisoldipine, 216
Calcium intake
Diet, blood pressure, and multicollinearity, 405
Is calcium more important than sodium in the pathogenesis of essential hypertension? 607 (D)
Sodium is more important than calcium in essential hypertension, 628 (D)
Captopril
Captopril potentiates chronotropic baroreflex responses to carotid stimuli in humans, 602
Sodium and volume depletion activates neurogenic mechanisms in renal hypertensive dogs, 39
Cardiac function
Demonstration of a ouabainlike plasma compound in hypertension prone and hypertension resistant rats, 729
Increased cardiac performance in mild essential hypertension: left ventricular mechanics, 979
Orthostatic hypertension: pathogenetic studies, 196
Cardiomegaly
Five-year findings of the Hypertension Detection and Follow-up Program: Prevention and reversal of left ventricular hypertrophy with antihypertensive drug therapy, 105
Impact on interracial comparisons of inappropriate criteria for cardiac enlargement in blacks, 1031 (L)
Cardiovascular disease
Blood pressure experience and risk of cardiovascular disease in the elderly, 118
Diuretics and arrhythmias in essential hypertensives with coronary artery disease, 849 (A-52)
Hypertension in a 74-year-old man with hydronephrosis and coronary disease, 824 (CC)
Cardiovascular structure
Cardiac mass and peripheral vascular structure in hydralazine-treated spontaneously hypertensive rats, 734
Catecholamines
Dissociation of 24-hour catecholamine levels from blood pressure in older men, 1023
Effects of taurine on stress-evoked hemodynamic and plasma catecholamine changes in spontaneously hypertensive rats, 913
Oral load of tyrosine or L-dopa and plasma levels of free and sulfoconjugated catecholamines in healthy men, 81
Central nervous system
α_1-Adrenergic receptor binding in the spontaneously hypertensive rat, 333
Cerebral artery
Autonomic innervation of cerebral blood vessels decreases in renal hypertensive rats, 514
Cerebrospinal fluid
Angiotensinogen levels in the brain and cerebrospinal fluid of the genetically hypertensive rat, 752
Cerebrospinal fluid angiotensin II immunoreactivity is not derived from the plasma, 65
Children
Blood pressure changes during adolescence and subsequent adult blood pressure level, 695
Body size, composition, and fitness in adolescents with elevated blood pressures, 417
Significance of blood pressure in infancy: familial aggregation and predictive effect on later blood pressure, 411
Clinical conferences
Hypertension in a 74-year-old man with hydronephrosis and coronary disease, 824 (CC)
Pseudopheochromocytoma, 151 (CC)
Clinical trial evaluation
Assessment of quality of life in clinical trials of cardiovascular therapies, 1034 (Bk Rev)
Treatment of patients with mild hypertension, 165 (E)
Clonidine-displacing substance
An endogenous vasodepressor agent in brain: the brain's own clonidine? 848 (A-48)
Converting enzyme inhibition
The contribution of vasopressin and angiotensin to the maintenance of blood pressure after autonomic blockade, 547
Converting-enzyme inhibitor administration lowers urinary free 19-Nor-deoxycorticosterone levels, 178
Cosinor method
Salt sensitivity in essential hypertension as determined by the cosinor method, 989
Cyclic guanosine monophosphate
Cyclic guanosine monophosphate mediates vascular relaxation induced by atrial natriuretic factor, 306 (RC)
Evidence for endothelium-derived relaxing factor in cultured cells, 804 (RC)

Renal and blood pressure responses to synthetic atrial natriuretic factor in spontaneously hypertensive rats, 386
Cytochrome P-450–dependent enzymes
Presence of cytochrome P-450–dependent monooxygenase in intimal cells of the hog aorta, 899

D

Dahl rats
Atrial natriuretic factor in Dahl rats: atrial content and renal and aortic responses, 775
Cardiac θ-adrenergic receptors in salt-dependent genetic hypertension, 760
Development and characteristics of inbred strains of Dahl salt-sensitive and salt-resistant rats, 340
Factors that influence stroke in Dahl salt-sensitive rats, 59
Maternal effects on blood pressure and survivability in inbred Dahl salt-sensitive rats, 767
Role of hypertension in progressive glomerular immune injury, 398
Data, interpretation
The importance of small differences in blood pressure, 1030 (L)
Tempest in a *p*-pot? 313 (E)
Debate
Is calcium more important than sodium in the pathogenesis of essential hypertension? 607 (D)
Sodium is more important than calcium in essential hypertension, 628 (D)
Deoxycorticosterone
Partial deficiency of adrenal 11-hydroxylase: a possible cause of primary hypertension, 204
Deoxycorticosterone acetate hypertension
Erythrocyte lithium transport changes induced by deoxycorticosterone acetate treatment in pigs, 541
Deoxycorticosterone acetate–salt hypertension
Cardiac contractile and coronary flow reserves in deoxycorticosterone acetate–salt hypertensive rats, 569
Dexamethasone-induced hypertension
Mesenteric vascular reactivity in dexamethasone-treated hypertensive rats, 783
Diabetes
Hypertension in experimental diabetes mellitus: renin-prostaglandin interaction, 554
Hypertension in hypoglycemic diabetics treated with θ-adrenergic antagonists, 443
Diacylglycerol
Angiotensin II-induced formation of diacylglycerol in cultured vascular smooth muscle, 844 (A-30)
Diagnostic techniques
NHLBI workshop on renovascular disease: summary report and recommendations, 452 (SR)
Diet
Chronic dietary tyrosine supplements do not affect mild essential hypertension, 593
Diet, blood pressure, and multicollinearity, 405
Endogenous angiotensin-aldosterone-pressure relationships during sodium restriction, 681
Factors that influence stroke in Dahl salt-sensitive rats, 59
Is calcium more important than sodium in the pathogenesis of essential hypertension? 607 (D)
NIH report on research challenges in nutrition and hypertension, 818 (SR)
Reactivity to norepinephrine and effect of sodium on blood pressure during weight loss, 586
The role of calcium in genetic hypertension, 657 (BR)
Sodium is more important than calcium in essential hypertension, 628 (D)
Dog, *see* Animal studies, dog
Dopamine
Oral load of tyrosine or L-dopa and plasma levels of free and sulfoconjugated catecholamines in healthy men, 81
Dopamine receptor agonists
Effects of dopamine (DA_1) receptor agonist administration in hypertensive patients, 848 (A-50)
Mechanism of the pressor action of LY171555 in conscious Sprague-Dawley rats, 842 (A-24)

E

Echocardiography
Detection of hypertensive left ventricular hypertrophy, 948
Increased cardiac performance in mild essential hypertension: left ventricular mechanics, 979
Editorials
Ambulatory blood pressure monitoring, 163 (E)
Hypertension at the beginning of its seventh year, 1 (E)
Hypertension—where do we go from here? 311 (E)
Molecular mechanisms that control renin secretion, 853 (E)
Tempest in a *p*-pot? 313 (E)
Treatment of patients with mild hypertension, 165 (E)
Electrocardiographic criteria
Detection of hypertensive left ventricular hypertrophy, 948
Enalapril
Converting-enzyme inhibitor administration lowers urinary free 19-Nor-deoxycorticosterone levels, 178
Role of angiotensin II in renal wrap hypertension, 893
θ-Endorphin
Onset and dose relationships of ACTH effects on blood pressure in sheep, 287
Endothelial junctions
Aortic endothelial junctions in developing hypertension, 483
Endothelium-dependent relaxation
Endothelium-dependent contractions to acetylcholine in the aorta of spontaneously hypertensive rats, 843 (A-28)
Endothelium dependent relaxation in hypertension, 843 (A-29)
Evidence for endothelium-derived relaxing factor in cultured cells, 804 (RC)
Enzyme II
Angiotensin-producing serum enzyme II: formation by inhibitor removal and proenzyme activation, 938
Enzyme-linked immunosorbent assay
Characterization of monoclonal and polyclonal antibodies to human tissue kallikrein, 931
Epidemiology
An epidemiological approach to describing risk associated with blood pressure levels: final report of the Working Group on Risk and High Blood Pressure, 641 (SR)
Epinephrine
The effects of epinephrine on norepinephrine release in essential hypertension, 187
Epinephrine enhances neurogenic vasoconstriction in the rat perfused kidney, 47
Essential hypertension
Autoregulation of tissue blood flow in essential hypertension, 1003
Blood pressure and hormonal responses to aerobic exercise, 125
Cardiovascular and metabolic profile during intervention with urapidil in humans, 963
Dissociation of 24-hour catecholamine levels from blood pressure in older men, 1023
Effect of dietary sodium on platelet α_2-adrenergic receptors in essential hypertension, 972
The effects of epinephrine on norepinephrine release in essential hypertension, 187
Effects of α-human atrial natriuretic peptide in essential hypertension, 812 (RC)
Endogenous angiotensin-aldosterone-pressure relationships during sodium restriction, 681
Erythrocyte phosphate release in essential hypertension, 430
Evidence of early degenerative changes in large arteries in human essential hypertension, 675
Is calcium more important than sodium in the pathogenesis of essential hypertension? 607 (D)
Left ventricular wall stress and systolic function in untreated primary hypertension, 97
Monitoring 24-hour blood pressure in a drug trial: evaluation of a noninvasive device, 688

Partial deficiency of adrenal 11-hydroxylase: a possible cause of primary hypertension, 204
Salt sensitivity in essential hypertension as determined by the cosinor method, 989
Sodium is more important than calcium in essential hypertension, 628 (D)
Sodium-lithium countertransport and blood pressure in healthy blood donors, 955
Exercise
Blood pressure and hormonal responses to aerobic exercise, 125
Effect of exercise on cation transport in human red cells, 132
Exercise training attenuates stress-induced hypertension in the rat, 747
Extracellular fluid volume
Effects of baroreceptor denervation on volume loading hypertension in anephric dogs, 562
Sodium balance in renal failure: a comparison of patients with normal subjects under extremes of sodium intake, 714
Sodium chloride, extracellular fluid volume, and hypertension, 834 (L)

F

Familial aggregation
Blood pressure changes during adolescence and subsequent adult blood pressure level, 695
Significance of blood pressure in infancy: familial aggregation and predictive effect on later blood pressure, 411
Familial hypertension
In vitro arterial responses to vasopressin in subjects with a family history of hypertension, 211
Fluorometric converting enzyme assay
An improved fluorometric assay of rat serum and plasma converting enzyme, 244
Furosemide
Effects of a specific and long-acting renin inhibitor in the marmoset, 797
Erythrocyte phosphate release in essential hypertension, 430

G

Ganglionic blockade
Direct versus indirect pressor and vasoconstrictor actions of angiotensin in conscious dogs, 253
Sodium and volume depletion activates neurogenic mechanisms in renal hypertensive dogs, 39
Vasopressin contributes to hypertension caused by nucleus tractus solitarius lesions, 262
Genetic hypertension
Atrial natriuretic factor in Dahl rats: atrial content and renal and aortic responses, 775
Cardiac β-adrenergic receptors in salt-dependent genetic hypertension, 760
Lymphocyte abnormalities in three types of hypertension in the rat, 860
Maternal effects on blood pressure and survivability in inbred Dahl salt-sensitive rats, 767
Red blood cell abnormalities and spontaneous hypertension in the rat: a genetically determined link, 319
The role of calcium in genetic hypertension, 657 (BR)
Glomerulosclerosis
Role of hypertension in progressive glomerular immune injury, 398
Glucocorticoid agonist
Effects of antiglucocorticoids on glucocorticoid hypertension in the rat, 292
Glucose tolerance
Postprandial hyperinsulinemia in patients with mild essential hypertension, 182
Propranolol or hydrochlorothiazide alone for the initial treatment of hypertension: IV. Effect on plasma glucose and glucose tolerance, 1008
Goldblatt hypertension
Autonomic innervation of cerebral blood vessels decreases in renal hypertensive rats, 514
Autoregulation and vasoconstriction in the intestine during acute renal hypertension, 364
Changes in prostanoid synthesis in response to diet and hypertension in one-kidney, one clip rats, 886
Does renin determine the blood pressure response to calcium entry blockers? 223
A new mechanism in one-kidney, one clip hypertension, 72
Role of acetyl glyceryl ether phosphorylcholine in blood pressure regulation in rats, 742
Sodium and volume depletion activates neurogenic mechanisms in renal hypertensive dogs, 39
Gravitational pooling
Orthostatic hypertension: pathogenetic studies, 196

H

Hydralazine
Cardiac mass and peripheral vascular structure in hydralazine-treated spontaneously hypertensive rats, 734
Prevention of coronary vasodilator reserve decrement in spontaneously hypertensive rats, 533
Hydrochlorothiazide
Is low dose hydrochlorothiazide effective? 849 (A-51)
Propranolol or hydrochlorothiazide alone for the initial treatment of hypertension: IV. Effect on plasma glucose and glucose tolerance, 1008
Hydrolase deficiency
Partial deficiency of adrenal 11-hydroxylase: a possible cause of primary hypertension, 204
Hydronephrosis
Development and characteristics of inbred strains of Dahl salt-sensitive and salt-resistant rats, 340
Hypertension in a 74-year-old man with hydronephrosis and coronary disease, 824 (CC)
Hyperadrenergic hypertension
Pseudopheochromocytoma, 151 (CC)
Hypercalcemia
Mechanism of acute hypercalcemic hypertension in the conscious rat, 923
Hypertension, *see*
Adolescent hypertension
Deoxycorticosterone acetate hypertension
Deoxycorticosterone acetate–salt hypertension
Dexamethasone-induced hypertension
Essential hypertension
Familial hypertension
Genetic hypertension
Goldblatt hypertension
Hyperadrenergic hypertension
Mild hypertension
Mineralocorticoid hypertension
Orthostatic hypertension
Page hypertension
Renal hypertension
Hypertension control
Hypertension prevalence and the status of awareness, treatment, and control in the United States: final report of the Subcommittee on Definition and Prevalence of the 1984 Joint National Committee, 457 (SR)
Hypertension—where do we go from here? 311 (E)
***Hypertension* journal**
Hypertension at the beginning of its seventh year, 1 (E)
A note of thanks to reviewers, 159
Hypertrophy
Arthur C. Corcoran Memorial Lecture: Cardiovascular hypertrophy in hypertension, 849 (A-53)
Cardiac β-adrenergic receptors in salt-dependent genetic hypertension, 760
Detection of hypertensive left ventricular hypertrophy, 948
The effect of hypertension and its reversal on the size and DNA

content of rat aortic smooth muscle cells, 843 (A-26)
Five-year findings of the Hypertension Detection and Follow-up Program: Prevention and reversal of left ventricular hypertrophy with antihypertensive drug therapy, 105
Impact on interracial comparisons of inappropriate criteria for cardiac enlargement in blacks, 1031 (L)
Increased cardiac performance in mild essential hypertension: left ventricular mechanics, 979
Left ventricular wall stress and systolic function in untreated primary hypertension, 97
Prevention of coronary vasodilator reserve decrement in spontaneously hypertensive rats, 533
Smooth muscle growth and cellular hypertrophy in the SHR and WKY aorta, 843 (A-27)
What is the role of ambulatory blood pressure monitoring in the management of hypertensive patients? 171 (BR)

Hypotension
Effect of the protease inhibitor aprotinin on renal hemodynamics in the pig, 32

I

Immunochemical methods
Application of immunochemical methods to the identification and characterization of rat kidney inactive renin, 236

Indomethacin
Inhibition of the kallikrein-kinin system and vascular reactivity in Bartter's syndrome, 1017

Infant blood pressure
Significance of blood pressure in infancy: familial aggregation and predictive effect on later blood pressure, 411

Inositol
Angiotensin increases inositol trisphosphate and calcium in vascular smooth muscle, 447 (RC)
State-of-the-art lecture: Inositol lipid metabolism. An intracellular signaling mechanism, 849 (A-54)

Insulin
Hypertension in experimental diabetes mellitus: renin-prostaglandin interaction, 554
Hypertension in hypoglycemic diabetics treated with β-adrenergic antagonists, 443
Insulin and blood pressure in obesity, 702
Postprandial hyperinsulinemia in patients with mild essential hypertension, 182

K

Kallikrein
Characterization of monoclonal and polyclonal antibodies to human tissue kallikrein, 931
Effect of glandular kallikrein on renin release in isolated rat glomeruli, 27
Effect of the protease inhibitor aprotinin on renal hemodynamics in the pig, 32
Inhibition of the kallikrein-kinin system and vascular reactivity in Bartter's syndrome, 1017
Stable, specific kallikrein inhibitors which are effective *in vivo*, 837 (A-4)

Ketanserin
Cardiovascular profile and hypotensive mechanism of ketanserin in the rabbit, 499

Kidney, rat
Epinephrine enhances neurogenic vasoconstriction in the rat perfused kidney, 47

L

Letters to the editor
Impact on interracial comparisons of inappropriate criteria for cardiac enlargement in blacks, 1031 (L)
The importance of small differences in blood pressure, 1030 (L)
Red cell cotransport activity and sodium content in black men, 652 (L)
Sodium chloride, extracellular fluid volume, and hypertension, 834 (L)

Leukotrienes
Overall and regional hemodynamic effects of leukotriene D_4 in spontaneously hypertensive rats, 507
State-of-the-art lecture: Biological actions of leukotrienes, 843 (A-25)

Lymphocyte abnormalities
Calcium-related abnormalities in lymphocytes from genetically hypertensive rats, 847 (A-45)
Lymphocyte abnormalities in three types of hypertension in the rat, 860

M

Maternal effects
Maternal effects on blood pressure and survivability in inbred Dahl salt-sensitive rats, 767

Membrane permeability
Direct measurement of sodium influx in vascular smooth muscle: stimulation by aldosterone, 873
Erythrocyte phosphate release in essential hypertension, 430
Increased membrane permeability of skin fibroblasts from the spontaneously hypertensive rat, 300

Mild hypertension
Chronic dietary tyrosine supplements do not affect mild essential hypertension, 593
Increased cardiac performance in mild essential hypertension: left ventricular mechanics, 979
Postprandial hyperinsulinemia in patients with mild essential hypertension, 182
Reactivity to norepinephrine and effect of sodium on blood pressure during weight loss, 586
Treatment of patients with mild hypertension, 165 (E)

Mineralocorticoid hypertension
Lymphocyte abnormalities in three types of hypertension in the rat, 860
The sympathetic nervous system and hypertension in primary aldosteronism, 90

Model, human renin
Construction of a model for the three-dimensional structure of human renal renin, 13
Three-dimensional structure of human renin, 3

Model, tissue culture
A tissue culture model for the study of aminergic and peptidergic activity, 850 (A-58)

Monkey, *see* Animal studies, monkey

Monoclonal antibodies
Characterization of monoclonal and polyclonal antibodies to human tissue kallikrein, 931

Monooxygenase activity
Presence of cytochrome P-450–dependent monooxygenase in intimal cells of the hog aorta, 899

Mouse, *see* Animal studies, mouse

N

Na,K-ATPase
Demonstration of a ouabainlike plasma compound in hypertension prone and hypertension resistant rats, 729
Purification of inhibitors of Na,K-ATPase from human plasma, 847 (A-44)

Natriuresis
Calcium channel blockade with nitrendipine: effects on sodium homeostasis, the renin-angiotensin system, and the sympathetic nervous system in humans, 438
Effects of a calcium entry blocker on blood pressure and renal function during angiotensin-induced hypertension, 374

Effects of α-human atrial natriuretic peptide in essential hypertension, 812 (RC)
Rat atrial natriuretic peptides inhibit oxygen consumption by rat kidney, 491
Rat platelets activate high molecular weight atrial natriuretic peptides in vitro, 905
Renal and blood pressure responses to synthetic atrial natriuretic factor in spontaneously hypertensive rats, 386

Nitrendipine
Calcium channel blockade with nitrendipine: effects on sodium homeostasis, the renin-angiotensin system, and the sympathetic nervous system in humans, 438
Effects of a calcium channel blocker on cardiac output distribution in conscious hypertensive dogs, 380
Effects of a calcium entry blocker on blood pressure and renal function during angiotensin-induced hypertension, 374

Norepinephrine
Age-related changes of baroreflex function, plasma norepinephrine, and blood pressure, 113
Chronic dietary tyrosine supplements do not affect mild essential hypertension, 593
The effects of epinephrine on norepinephrine release in essential hypertension, 187
Estimation of intra-synaptic norepinephrine concentrations in man, 842 (A-23)
Exercise training attenuates stress-induced hypertension in the rat, 747
Reactivity to norepinephrine and effect of sodium on blood pressure during weight loss, 586

Northern blot hybridization
Nonproportional changes in plasma renin concentration, renal renin content, and rat renin messenger RNA, 855

Nutrition research
NIH report on research challenges in nutrition and hypertension, 818 (SR)

O

Obesity
Insulin and blood pressure in obesity, 702
Reactivity to norepinephrine and effect of sodium on blood pressure during weight loss, 586
The relative contribution of body fat and fat pattern to blood pressure level, 578

Opioid peptides
Endogenous opiate peptides, stress reactivity, and risk for hypertension, 808 (RC)

Orthostatic hypertension
Orthostatic hypertension: pathogenetic studies, 196

Ouabain
Erythrocyte phosphate release in essential hypertension, 430

Ouabain binding
Ouabain binding and Na^+ content in resistance vessels and skeletal muscles of spontaneously hypertensive rats and K^+-depleted rats, 277

Ouabainlike compounds
Demonstration of a ouabainlike plasma compound in hypertension prone and hypertension resistant rats, 729

Oxprenolol
A randomized trial of treatment based on the beta blocker oxprenolol: the International Prospective Primary Prevention Study in Hypertension (IPPPSH), 840 (A-16)

Oxygen consumption
Rat atrial natriuretic peptides inhibit oxygen consumption by rat kidney, 491

P

Pafenolol
Monitoring 24-hour blood pressure in a drug trial: evaluation of a noninvasive device, 688

Page hypertension
Inability of dorsal spinal rhizotomy to prevent renal wrap hypertension in rats, 722
Role of angiotensin II in renal wrap hypertension, 893

Pheochromocytoma imitators
Pseudopheochromocytoma, 151 (CC)

Phorbol ester receptors
Decreased phorbol ester binding in the myocardium of spontaneously hypertensive rats, 840 (A-15)

Physostigmine
Central cardiovascular effects of physostigmine in humans, 140

Pinacidil
Systemic and coronary hemodynamic effects of pinacidil in awake normotensive and hypertensive dogs, 525

Pindolol
Acute vasodilator action of pindolol in humans, 146

Plasma renin activity
Blood pressure and hormonal responses to aerobic exercise, 125

Plasmin
Angiotensin-producing serum enzyme II: formation by inhibitor removal and proenzyme activation, 938

Platelets
Altered platelet function and membrane fluidity in essential hypertension, 850 (A-59)
Effect of dietary sodium on platelet α_2-adrenergic receptors in essential hypertension, 972
Rat platelets activate high molecular weight atrial natriuretic peptides in vitro, 905

Plethysmography
Autoregulation of tissue blood flow in essential hypertension, 1003

Position statement
Position of the American Heart Association on research animal use: a statement for health professionals by a task force appointed by the Board of Directors of the American Heart Association, 655 (PS)

Potassium
Diet, blood pressure, and multicollinearity, 405

Propranolol
The effects of epinephrine on norepinephrine release in essential hypertension, 187
Hypertension in hypoglycemic diabetics treated with θ-adrenergic antagonists, 443
Propranolol or hydrochlorothiazide alone for the initial treatment of hypertension: IV. Effect on plasma glucose and glucose tolerance, 1008

Prorenin
Application of immunochemical methods to the identification and characterization of rat kidney inactive renin, 236
Biochemical similarity of expressed human prorenin and native inactive renin, 845 (A-34)
Extrarenal prorenin in plasma requires an activator of renal origin, 845 (A-35)
High-level synthesis of human prorenin in *Escherichia coli*, 837 (A-3)
Molecular mechanisms that control renin secretion, 853 (E)

Prostaglandins
Changes in prostanoid synthesis in response to diet and hypertension in one-kidney, one clip rats, 886
Effects of prostaglandin synthesis inhibitors on the renin-angiotensin system and renal function, 791
Hypertension in experimental diabetes mellitus: renin-prostaglandin interaction, 554
Interaction of vasopressin and prostaglandins through calcium ion in the renal circulation, 53
In vivo influence of prostaglandin I_2 on systemic and renal circulation in the rat, 867
Mesenteric vascular reactivity in dexamethasone-treated hypertensive rats, 783

Pulmonary circulation
Pulmonary vascular overreactivity in systemic hypertension: a pathophysiological link between the greater and the lesser circulation, 995

R

Rabbit, *see* Animal studies, rabbit
Race-specific criteria
Impact on interracial comparisons of inappropriate criteria for cardiac enlargement in blacks, 1031 (L)
Red cell cotransport activity and sodium content in black men, 652 (L)
Rapid communications
Angiotensin increases inositol trisphosphate and calcium in vascular smooth muscle, 447 (RC)
Cyclic guanosine monophosphate mediates vascular relaxation induced by atrial natriuretic factor, 306 (RC)
Effects of α-human atrial natriuretic peptide in essential hypertension, 812 (RC)
Endogenous opiate peptides, stress reactivity, and risk for hypertension, 808 (RC)
Evidence for endothelium-derived relaxing factor in cultured cells, 804 (RC)
Rat, *see* Animal studies, rat
Red blood cells
Effect of exercise on cation transport in human red cells, 132
Erythrocyte lithium transport changes induced by deoxycorticosterone acetate treatment in pigs, 541
Erythrocyte membrane transport in hypertensive humans and rats: effect of sodium depletion and excess, 423
Erythrocyte phosphate release in essential hypertension, 430
Red blood cell abnormalities and spontaneous hypertension in the rat: a genetically determined link, 319
Red cell cotransport activity and sodium content in black men, 652 (L)
Sodium-lithium countertransport and blood pressure in healthy blood donors, 955
Renal artery stenosis
Percutaneous transluminal renal angioplasty in nonatherosclerotic renovascular hypertension: long-term results, 668
Renal function
Effects of prostaglandin synthesis inhibitors on the renin-angiotensin system and renal function, 791
Renal hypertension
Autoregulation and vasoconstriction in the intestine during acute renal hypertension, 364
Cardiovascular profile and hypotensive mechanism of ketanserin in the rabbit, 499
Cerebrospinal fluid angiotensin II immunoreactivity is not derived from the plasma, 65
Lymphocyte abnormalities in three types of hypertension in the rat, 860
NHLBI workshop on renovascular disease: summary report and recommendations, 452 (SR)
Percutaneous transluminal renal angioplasty in nonatherosclerotic renovascular hypertension: long-term results, 668
Sodium balance in renal failure: a comparison of patients with normal subjects under extremes of sodium intake, 714
Systemic and coronary hemodynamic effects of pinacidil in awake normotensive and hypertensive dogs, 525
Renal lesions
Development and characteristics of inbred strains of Dahl salt-sensitive and salt-resistant rats, 340
Renal nerve activity
Inability of dorsal spinal rhizotomy to prevent renal wrap hypertension in rats, 722
Renin
Application of immunochemical methods to the identification and characterization of rat kidney inactive renin, 236
Decreased venous capacity in low renin hypertension, 842 (A-21)
A new mechanism in one-kidney, one clip hypertension, 72
Study of the antigenic determinants of human renin, 844 (A-33)
Renin-angiotensin system
Calcium channel blockade with nitrendipine: effects on sodium homeostasis, the renin-angiotensin system, and the sympathetic nervous system in humans, 438
Effects of prostaglandin synthesis inhibitors on the renin-angiotensin system and renal function, 791
An improved fluorometric assay of rat serum and plasma converting enzyme, 244
Sodium and volume depletion activates neurogenic mechanisms in renal hypertensive dogs, 39
Renin inhibitors
Construction of a model for the three-dimensional structure of human renal renin, 13
Effects of a specific and long-acting renin inhibitor in the marmoset, 797
Highly potent and specific inhibition of human renin by derivatives of histidyl-statine, 837 (A-2)
Primate study on the blood pressure lowering effect of a statine-containing renin inhibitory peptide, 837 (A-1)
Three-dimensional structure of human renin, 3
Renin release
α_2-Adrenoceptor stimulation and inhibition of renin release in the isolated perfused kidney, 841 (A-19)
Does renin determine the blood pressure response to calcium entry blockers? 223
Effect of glandular kallikrein on renin release in isolated rat glomeruli, 27
Hypertension in experimental diabetes mellitus: renin-prostaglandin interaction, 554
Molecular mechanisms that control renin secretion, 853 (E)
Nonproportional changes in plasma renin concentration, renal renin content, and rat renin messenger RNA, 855
Renin structure
Construction of a model for the three-dimensional structure of human renal renin, 13
Three-dimensional structure of human renin, 3
Renomedullary lipids
The antihypertensive neutral renomedullary lipid is a putative prohormone, 847 (A-43)
Hypertension in a 74-year-old man with hydronephrosis and coronary disease, 824 (CC)
Renovascular disease
NHLBI workshop on renovascular disease: summary report and recommendations, 452 (SR)
Research
Hypertension—where do we go from here? 311 (E)
NIH report on research challenges in nutrition and hypertension, 818 (SR)
Position of the American Heart Association on research animal use: a statement for health professionals by a task force appointed by the Board of Directors of the American Heart Association, 655 (PS)
Risk factors
Blood pressure experience and risk of cardiovascular disease in the elderly, 118
Endogenous opiate peptides, stress reactivity, and risk for hypertension, 808 (RC)
An epidemiological approach to describing risk associated with blood pressure levels: final report of the Working Group on Risk and High Blood Pressure, 641 (SR)
Hypertension prevalence and the status of awareness, treatment, and control in the United States: final report of the Subcommittee on Definition and Prevalence of the 1984 Joint National Committee, 457 (SR)
Hypertension—where do we go from here? 311 (E)
Treatment of patients with mild hypertension, 165 (E)
RNA, messenger
Molecular mechanisms that control renin secretion, 853 (E)
Nonproportional changes in plasma renin concentration, renal renin content, and rat renin messenger RNA, 855

S

Salt, taste preference
Longitudinal study of salt preferences in normotensive and hypertensive rats, 326
Sheep, *see* Animal studies, sheep
Sodium
Abnormal proximal tubular sodium reabsorption in essential hypertension, 847 (A-46)

Direct measurement of sodium influx in vascular smooth muscle: stimulation by aldosterone, 873
Endogenous angiotensin-aldosterone-pressure relationships during sodium restriction, 681
Ouabain binding and Na^+ content in resistance vessels and skeletal muscles of spontaneously hypertensive rats and K^+-depleted rats, 277
Sodium chloride, extracellular fluid volume, and hypertension, 834 (L)
Sodium sensitivity and resistance of blood pressure: definitions and characteristics, 848 (A-47)
Sodium depletion
Sodium and volume depletion activates neurogenic mechanisms in renal hypertensive dogs, 39
Sodium intake
Dietary sodium effects on cardiovascular and neuroeffector characteristics in normotensive (WKY) and hypertensive (SHR) rats, 842 (A-22)
Effect of dietary sodium on platelet α_2-adrenergic receptors in essential hypertension, 972
High sodium intake enhances renal nerve and antinatriuretic responses to stress in spontaneously hypertensive rats, 357
Is calcium more important than sodium in the pathogenesis of essential hypertension? 607 (D)
Reactivity to norepinephrine and effect of sodium on blood pressure during weight loss, 586
Salt sensitivity in essential hypertension as determined by the cosinor method, 989
Sodium balance in renal failure: a comparison of patients with normal subjects under extremes of sodium intake, 714
Sodium is more important than calcium in essential hypertension, 628 (D)
Sodium nitroprusside
Evidence for endothelium-derived relaxing factor in cultured cells, 804 (RC)
In vivo influence of prostaglandin I_2 on systemic and renal circulation in the rat, 867
Sodium pump
Effects of antiglucocorticoids on glucocorticoid hypertension in the rat, 292
Erythrocyte membrane transport in hypertensive humans and rats: effect of sodium depletion and excess, 423
Increased membrane permeability of skin fibroblasts from the spontaneously hypertensive rat, 300
Ouabain binding and Na^+ content in resistance vessels and skeletal muscles of spontaneously hypertensive rats and K^+-depleted rats, 277
Special reports
An epidemiological approach to describing risk associated with blood pressure levels: final report of the Working Group on Risk and High Blood Pressure, 641 (SR)
Hypertension prevalence and the status of awareness, treatment, and control in the United States: final report of the Subcommittee on Definition and Prevalence of the 1984 Joint National Committee, 457 (SR)
NHLBI workshop on renovascular disease: summary report and recommendations, 452 (SR)
NIH report on research challenges in nutrition and hypertension, 818 (SR)
Spontaneously hypertensive rats
α_1-Adrenergic receptor binding in the spontaneously hypertensive rat, 333
Angiotensinogen levels in the brain and cerebrospinal fluid of the genetically hypertensive rat, 752
Aortic endothelial junctions in developing hypertension, 483
Cardiac mass and peripheral vascular structure in hydralazine-treated spontaneously hypertensive rats, 734
Central θ-adrenergic receptors mediate renal nerve activity during stress in conscious spontaneously hypertensive rats, 350
Cerebral autoregulation in young spontaneously hypertensive rats: effect of sympathetic denervation, 392
Effects of taurine on stress-evoked hemodynamic and plasma catecholamine changes in spontaneously hypertensive rats, 913
Erythrocyte membrane transport in hypertensive humans and rats: effect of sodium depletion and excess, 423
High sodium intake enhances renal nerve and antinatriuretic responses to stress in spontaneously hypertensive rats, 357
Increased membrane permeability of skin fibroblasts from the spontaneously hypertensive rat, 300
Longitudinal study of salt preferences in normotensive and hypertensive rats, 326
Loss of accommodation in sympathetic neurons from spontaneously hypertensive rats, 268
Ouabain binding and Na^+ content in resistance vessels and skeletal muscles of spontaneously hypertensive rats and K^+-depleted rats, 277
Overall and regional hemodynamic effects of leukotriene D_4 in spontaneously hypertensive rats, 507
Prevention of coronary vasodilator reserve decrement in spontaneously hypertensive rats, 533
Renal and blood pressure responses to synthetic atrial natriuretic factor in spontaneously hypertensive rats, 386
Role of acetyl glyceryl ether phosphorylcholine in blood pressure regulation in rats, 742
Role of hypertension in progressive glomerular immune injury, 398
Vascular reactivity in the spontaneously hypertensive rat: effect of high pressure stress and extracellular calcium, 228
Statistical significance
The importance of small differences in blood pressure, 1030 (L)
Tempest in a *p*-pot? 313 (E)
Stress
Central θ-adrenergic receptors mediate renal nerve activity during stress in conscious spontaneously hypertensive rats, 350
Chronic ethanol consumption, stress, and hypertension, 519
Effects of taurine on stress-evoked hemodynamic and plasma catecholamine changes in spontaneously hypertensive rats, 913
Endogenous opiate peptides, stress reactivity, and risk for hypertension, 808 (RC)
Exercise training attenuates stress-induced hypertension in the rat, 747
High sodium intake enhances renal nerve and antinatriuretic responses to stress in spontaneously hypertensive rats, 357
Lack of alerting reactions to intermittent cuff inflations during noninvasive blood pressure monitoring, 597
Pulmonary vascular overreactivity in systemic hypertension: a pathophysiological link between the greater and the lesser circulation, 995
Vascular reactivity in the spontaneously hypertensive rat: effect of high pressure stress and extracellular calcium, 228
Stroke
Factors that influence stroke in Dahl salt-sensitive rats, 59
Surgery
Hypertension in a 74-year-old man with hydronephrosis and coronary disease, 824 (CC)
Swine, *see* Animal studies, swine
Sympathetic nervous system
Age-related changes of baroreflex function, plasma norepinephrine, and blood pressure, 113
Autonomic innervation of cerebral blood vessels decreases in renal hypertensive rats, 514
Baroreflex control of renal sympathetic nerve activity in hypertensive miniature swine, 879
Cardiovascular and metabolic profile during intervention with urapidil in humans, 963
Central θ-adrenergic receptors mediate renal nerve activity during stress in conscious spontaneously hypertensive rats, 350
Cerebral autoregulation in young spontaneously hypertensive rats: effect of sympathetic denervation, 392
Chronic ethanol consumption, stress, and hypertension, 519
Factors that influence stroke in Dahl salt-sensitive rats, 59
High sodium intake enhances renal nerve and antinatriuretic responses to stress in spontaneously hypertensive rats, 357
Inability of dorsal spinal rhizotomy to prevent renal wrap hypertension in rats, 722
Loss of accommodation in sympathetic neurons from spontaneously hypertensive rats, 268
Reactivity to norepinephrine and effect of sodium on blood pressure during weight loss, 586
Sodium and volume depletion activates neurogenic mechanisms in renal hypertensive dogs, 39

The sympathetic nervous system and hypertension in primary aldosteronism, 90
Vasopressin contributes to hypertension caused by nucleus tractus solitarius lesions, 262
Sympathoadrenal activity
Effects of taurine on stress-evoked hemodynamic and plasma catecholamine changes in spontaneously hypertensive rats, 913
Endogenous opiate peptides, stress reactivity, and risk for hypertension, 808 (RC)

T

Taurine
Effects of taurine on stress-evoked hemodynamic and plasma catecholamine changes in spontaneously hypertensive rats, 913
Thromboxane
Changes in prostanoid synthesis in response to diet and hypertension in one-kidney, one clip rats, 886
Plasma polypeptides in pre-hypertensive, low Na Dahl S rats which inhibit platelet thromboxane release, 851 (A-61)
Transport
Effect of exercise on cation transport in human red cells, 132
Erythrocyte lithium transport changes induced by deoxycorticosterone acetate treatment in pigs, 541
Erythrocyte membrane transport in hypertensive humans and rats: effect of sodium depletion and excess, 423
Red blood cell abnormalities and spontaneous hypertension in the rat: a genetically determined link, 319
Red cell cotransport activity and sodium content in black men, 652 (L)
Sodium-lithium countertransport and blood pressure in healthy blood donors, 955
Tyrosine
Chronic dietary tyrosine supplements do not affect mild essential hypertension, 593
Oral load of tyrosine or L-dopa and plasma levels of free and sulfoconjugated catecholamines in healthy men, 81

U

Urapidil
Cardiovascular and metabolic profile during intervention with urapidil in humans, 963

V

Vascular reactivity
Inhibition of the kallikrein-kinin system and vascular reactivity in Bartter's syndrome, 1017
In vitro arterial responses to vasopressin in subjects with a family history of hypertension, 211
Mesenteric vascular reactivity in dexamethasone-treated hypertensive rats, 783
Selective antagonism of humoral versus neural vasoconstrictor responses by nisoldipine, 216
Vascular reactivity in the spontaneously hypertensive rat: effect of high pressure stress and extracellular calcium, 228
Vascular resistance
Cardiac contractile and coronary flow reserves in deoxycorticosterone acetate–salt hypertensive rats, 569
Overall and regional hemodynamic effects of leukotriene D_4 in spontaneously hypertensive rats, 507
Prevention of coronary vasodilator reserve decrement in spontaneously hypertensive rats, 533
Vascular smooth muscle
Direct measurement of sodium influx in vascular smooth muscle: stimulation by aldosterone, 873
Is calcium more important than sodium in the pathogenesis of essential hypertension? 607 (D)
Vasoconstriction
Autoregulation and vasoconstriction in the intestine during acute renal hypertension, 364
Contrasting effects of epinephrine and isoproterenol on neurogenic vasoconstriction: evidence for a cotransmitter and facilitatory role for epinephrine in man, 848 (A-49)
Epinephrine enhances neurogenic vasoconstriction in the rat perfused kidney, 47
Pulmonary vascular overreactivity in systemic hypertension: a pathophysiological link between the greater and the lesser circulation, 995
Selective antagonism of humoral versus neural vasoconstrictor responses by nisoldipine, 216
Vasodilator action
Acute vasodilator action of pindolol in humans, 146
Atriopeptins as cardiac hormones, 469 (BR)
In vivo influence of prostaglandin I_2 on systemic and renal circulation in the rat, 867
Systemic and coronary hemodynamic effects of pinacidil in awake normotensive and hypertensive dogs, 525
Vasopressin
The adrenergic system and the release and pressor action of vasopressin, 850 (A-57)
Brain vasopressin (AVP) and plasma AVP differentially modulate baroreceptor reflex (BRR), 849 (A-55)
The contribution of vasopressin and angiotensin to the maintenance of blood pressure after autonomic blockade, 547
Interaction of vasopressin and prostaglandins through calcium ion in the renal circulation, 53
In vitro arterial responses to vasopressin in subjects with a family history of hypertension, 211
Locus coeruleus and central effects of vasopressin in DOCA-salt hypertensive rats, 849 (A-56)
Vasopressin contributes to hypertension caused by nucleus tractus solitarius lesions, 262
Volume
Sodium balance in renal failure: a comparison of patients with normal subjects under extremes of sodium intake, 714

W

Wall stress
Left ventricular wall stress and systolic function in untreated primary hypertension, 97
Western blot analysis
Application of immunochemical methods to the identification and characterization of rat kidney inactive renin, 236
Characterization of monoclonal and polyclonal antibodies to human tissue kallikrein, 931

Z

Zona fasciculata
Partial deficiency of adrenal 11-hydroxylase: a possible cause of primary hypertension, 204

Index to Volume 7 Supplements

HYPERTENSION JANUARY-DECEMBER 1985

SUPPLEMENT I
PROCEEDINGS OF THE COUNCIL FOR HIGH BLOOD PRESSURE RESEARCH
October 10–12, 1984

SUPPLEMENT II
DIABETES AND HYPERTENSION
Proceedings of the First International Symposium on Hypertension Associated with Diabetes Mellitus
June 22–23, 1984

AUTHOR INDEX

A

Alexander RW, I-105
Andersen AR, II-114
Arntz H-R, II-170
Atkinson WJ, I-105
Atlas SA, I-43
Averbuch SD, I-18

B

Bachmann C, II-164
Barnes KL, I-80
Bellio P, II-125
Beretta-Piccoli C, II-33, II-102
Bevilacqua M, II-157
Beyer MM, II-131
Bianchetti MG, II-164
Blaine EH, I-35, I-66
Bloch KD, I-31
Bodansky HJ, II-84
Boger J, I-66
Borch-Johnsen K, II-18
Boudjemaa A, II-125
Brady D, II-43
Brock TA, I-105
Brooks B, I-127
Brown P, I-127
Brunner DB, I-1
Brunner HR, I-1
Burton J, I-72
Butt KMH, II-131

C

Callahan MF, I-145
Camargo MJ, I-43
Campbell DB, II-143
Carretero OA, I-49
Carroll MA, I-136
Chahal P, II-79
Chernicky CL, I-80
Chobanian AV, I-101
Choi E, I-31
Chou LM, II-131
Christensen CK, II-64, II-109
Christlieb AR, II-54
Cole MM, II-58
Cossette P-Y, II-125
Cowley AW Jr, I-151
Cragoe EJ, I-121

D

Dirschedl P, II-90
Ditscherlein G, II-29
Diz DI, I-80
Dollery CT, II-95
Donnelly T, II-161
Douglas FL, I-18
Drury PL, II-84
Duby AD, I-31
Dunn MJ, I-iii

E

Ekstein LS, I-105

F

Feldt-Rasmussen B, II-18
Ferrario CM, I-80
Ferreri NR, I-136
Ferrier C, II-164
Ferriss JB, II-43, II-58
Franz KA, II-21
Friedman EA, II-131
Fuller JH, II-3

G

Gallasch G, II-74
Gerber A, II-164
Gimbrone MA Jr, I-105
Goldstein DS, I-18
Gotzen R, II-170
Graham RM, I-31
Gray CE, II-161
Griffing GT, I-12
Gruber KA, I-145
Grunwald J, I-101
Gulati N, I-61

H

Haber E, I-31
Haddy FJ, I-121
Hamet P, II-135
Hamlin MN, I-25
Hansen L, II-14
Harrower ADB, II-161
Harvald B, II-14
Hasslacher C, II-74
Haudenschild CC, I-101
Heitz J, II-170
Heusser C, I-61
Hiwada K, I-8
Hofbauer KG, I-61
Homcy CJ, I-31, I-55
Hommel E, II-114
Horan MJ, I-161
Horber F, II-21

I

Ibraham NG, I-136
Iijima Y, I-8
Imamura Y, I-8
Inglesby DV, II-79
Issad B, II-125
Itoh S, I-49
Iwai J, I-110

J

Janka HU, II-90
Johnson AK, I-145
Johnston J, I-121

K

Katholi RE, I-88
Katz F, II-118
Keiser HR, I-18
Kelleher CCM, II-58
Kirby DA, I-55
Kirby RF, I-145
Kleinert HD, I-43
Kohner EM, II-79
Koike H, I-8
Kokubu T, I-8
Kotchen TA, I-115
Krolewski AS, II-54
Kunowski G, II-74

L

Laederach K, II-164
Lamb FS, I-25
Lange J, I-110
Laragh JH, I-43
Loeb AL, I-94
Lowe S, II-143
Lymangrover JR, I-145

M

Maack T, I-43
Maiga K, II-125
Manis T, II-131
Marsh EA, I-35
Marson O, I-80
Mathiesen ER, II-18
Matsueda R, I-8
Mazack EK, I-35
McCann WP, I-88
McFarlane G, II-161
McGiff JC, I-136
Melby JC, I-12
Ménard J, I-61
Meyer-Sabellek W, II-170
Mogensen CE, II-1, II-64, II-109
Mordasini R, II-164
Moro B, II-157
Muirhead EE, I-127
Müller F, I-43
Murakami E, I-8
Murphy MB, II-95
Myers JH, I-25

N

Nasjletti A, I-127
Nelson BJ, I-66
Norbiato G, II-157
Nussberger Jürg, I-1
Nussberger Jurge, I-66

O

O'Connor DT, I-76
Odell G, I-43
O'Hare JA, II-43, II-58
Okunishi H, I-72
O'Sullivan DJ, II-43, II-58
Ott CE, I-115

P

Palumbo P, II-157
Pamnani MB, I-121
Pang SC, II-135
Parving H-H, II-114
Passmore JC, I-115
Peach MJ, I-94
Pitcock JA, I-127

Q

Quellhorst E, II-118

R

Raggi U, II-157
Rall C, II-74
Remaoun M, II-125
Reubi FC, II-21
Riesen W, II-164
Ritz E, II-1, II-74, II-118
Ross HF, II-58
Rottembourg J, II-125

S

Saye JA, I-94
Schorn TW, I-66
Schulte K-L, II-170
Schwartzman M, I-136
Seidman CE, I-31
Seidman JG, I-31
Seymour AA, I-35, I-66
Singer HA, I-94
Skelton MM, I-151
Skuherska R, II-135
Slater EE, I-66
Sleightholm M, II-79
Slugg RM, I-80
Smidt U, II-114
Smith JA, I-31
Soeldner JS, II-54
Songu-Mize E, I-136
Spragg J, I-72
Stabilito II, I-35
Strandhoy JW, I-145
Strate M, II-14
Strumpf C, II-118
Struthers AD, II-95
Sullivan PA, II-58
Sweet CS, I-66
Swindall BT, I-121

T

Taylor D, II-143
Terpstra J, II-74
Thomas JR, II-152
Thygesen K, II-14
Tobian L, I-110
Tremblay J, II-135
Trost BN, II-33, II-102
Turner P, II-143
Twomey B, II-43

U

Ulm K, I-110
United Kingdom Prospective Diabetes Study Group, II-8

V

Vatner DE, I-55
Vatner SF, I-55
Vaughan ED Jr, I-43
Velasquez MT, I-151
Vierhapper H, II-49
Volpe M, I-43

W

Wade JL, I-18
Waeber B, I-1
Walsh N, II-143
Warram JH, II-54
Webb RC, I-25
Weidmann P, II-1, II-33, II-102, II-164
Whitescarver SA, I-115
Wilson TE, I-12
Wing AJ, II-118
Wold L, I-110
Wolff DW, I-145
Wood JM, I-61
Woods WT, I-88

Y

Yabe Y, I-8

Z

Zisfein J, I-31

Index to Volume 7 Supplements

HYPERTENSION JANUARY-DECEMBER 1985

SUBJECT INDEX

A

Adenosine deaminase
Intrarenal adenosine produces hypertension via renal nerves in the one-kidney, one clip rat, I-88
6-Adrenergic receptor antagonists
Antihypertensive therapy in diabetic patients, II-102
Effect of antihypertensive treatment on progression of incipient diabetic nephropathy, II-109
Glucose tolerance during antihypertensive therapy in patients with diabetes mellitus, II-95
6-Adrenergic receptors
6-Adrenergic and cholinergic receptors in hypertension-induced hypertrophy, I-55
Amiloride analogues
Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents, I-121
Angiotensin II
Angiotensin increases cytosolic free calcium in cultured vascular smooth muscle cells, I-105
The anteroventral third ventricle region: participation in the regulation of blood pressure in conscious dogs, I-80
Effect of atrial natriuretic factor on blood pressure, renin, and aldosterone in Goldblatt hypertension, I-43
True versus immunoreactive angiotensin II in human plasma, I-1
Animal studies, dog
6-Adrenergic and cholinergic receptors in hypertension-induced hypertrophy, I-55
The anteroventral third ventricle region: participation in the regulation of blood pressure in conscious dogs, I-80
Comparison of renin and converting enzyme inhibition in sodium-deficient dogs, I-66
Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents, I-121
Animal studies, monkey
Increased plasma renin during renin inhibition: studies with a novel immunoassay, I-61
Animal studies, rabbit
Renal arachidonic acid metabolism: the third pathway, I-136
Role of the macula densa in renin release, I-49
True versus immunoreactive angiotensin II in human plasma, I-1
Animal studies, rat
Abnormalities of platelet function in hypertension and diabetes, II-135
Angiotensin increases cytosolic free calcium in cultured vascular smooth muscle cells, I-105
The antihypertensive function of the kidney: its elucidation by captopril plus unclipping, I-127
Effect of atrial natriuretic factor on blood pressure, renin, and aldosterone in Goldblatt hypertension, I-43
Effects of hypertension on migration and proliferation of smooth muscle in culture, I-101
Importance of chloride for deoxycorticosterone acetate–salt hypertension in the rat, I-115
Intrarenal adenosine produces hypertension via renal nerves in the one-kidney, one clip rat, I-88
Oscillatory contractions in tail arteries from genetically hypertensive rats, I-25
Potassium reduces cerebral hemorrhage and death rate in hypertensive rats, even when blood pressure is not lowered, I-110
Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents, I-121
Sympathetic nervous system mediation of acute cardiovascular actions of γ_2-melanocyte-stimulating hormone, I-145
Synthetic atrial natriuretic factor in conscious normotensive and hypertensive rats, I-35
Anteroventral third ventricle region
The anteroventral third ventricle region: participation in the regulation of blood pressure in conscious dogs, I-80
Antihypertensive agents
Effect of antihypertensive treatment on progression of incipient diabetic nephropathy, II-109
Effect of indapamide on blood pressure and glucose tolerance in non-insulin-dependent diabetes, II-161
Effects of long-term antihypertensive treatment on kidney function in diabetic nephropathy, II-114
A fresh approach to the evaluation of antihypertensive agents, II-143
Glucose tolerance during antihypertensive therapy in patients with diabetes mellitus, II-95
Indapamide in the treatment of hypertension in non-insulin-dependent diabetes, II-157
A review of 10 years of experience with indapamide as an antihypertensive agent, II-152
Serum lipoprotein levels during long-term treatment of hypertension with indapamide, II-170
Serum lipoproteins during treatment with the antihypertensive agent indapamide, II-164
Antihypertensive hormone
The antihypertensive function of the kidney: its elucidation by captopril plus unclipping, I-127
Antihypertensive treatment
Antihypertensive therapy in diabetic patients, II-102
Natural history of nephropathy in type I diabetes: relationship to metabolic control and blood pressure, II-74
Pressor factors and responsiveness in hypertension accompanying diabetes mellitus, II-33
United Kingdom Prospective Diabetes Study: III. Prevalence of hypertension and hypotensive therapy in patients with newly diagnosed diabetes, II-8
Arachidonic acid
Renal arachidonic acid metabolism: the third pathway, I-136
Arteriosclerosis
Renal histopathology in hypertensive diabetic patients, II-29
Systolic blood pressure as a predictor for cardiovascular disease in diabetes: a 5-year longitudinal study, II-90
Atrial natriuretic factor
Effect of atrial natriuretic factor on blood pressure, renin, and aldosterone in Goldblatt hypertension, I-43
Molecular studies of the atrial natriuretic factor gene, I-31
Synthetic atrial natriuretic factor in conscious normotensive and hypertensive rats, I-35
Awards
CIBA Award for Hypertension Research, I-162
Marion Hypertension Research Clinical Fellowship Award, I-163

B

Blood pressure changes
Blood pressure changes and renal function in incipient and overt diabetic nephropathy, II-64

Hypertension as related to renal function in diabetes mellitus, II-21
Hypertension in diabetes as related to nephropathy: early blood pressure changes, II-18
Blood pressure regulation
Effect of exogenous insulin on blood pressure regulation in healthy and diabetic subjects, II-49
Pressor factors and responsiveness in hypertension accompanying diabetes mellitus, II-33

C

Calcium antagonists
Antihypertensive therapy in diabetic patients, II-102
Glucose tolerance during antihypertensive therapy in patients with diabetes mellitus, II-95
Calcium, intracellular
Angiotensin increases cytosolic free calcium in cultured vascular smooth muscle cells, I-105
Captopril
The antihypertensive function of the kidney: its elucidation by captopril plus unclipping, I-127
Catecholamine abnormalities
Diabetic control and the renin-angiotensin system, catecholamines, and blood pressure, II-58
Cell migration and growth
Effects of hypertension on migration and proliferation of smooth muscle in culture, I-101
Cerebral hemorrhage
Potassium reduces cerebral hemorrhage and death rate in hypertensive rats, even when blood pressure is not lowered, I-110
Chemotherapy
Treatment of malignant pheochromocytoma with combination chemotherapy, I-18
Cholesterol
Serum lipoprotein levels during long-term treatment of hypertension with indapamide, II-170
Serum lipoproteins during treatment with the antihypertensive agent indapamide, II-164
Chromogranin A
Plasma chromogranin A: initial studies in human hypertension, I-76
CIBA Award, 1984
CIBA Award for Hypertension Research, I-162
Continuous ambulatory peritoneal dialysis
Continuous ambulatory peritoneal dialysis in diabetic patients: the relationship of hypertension to retinopathy and cardiovascular complications, II-125
Contractile activity
Oscillatory contractions in tail arteries from genetically hypertensive rats, I-25
Converting enzyme inhibition
Comparison of renin and converting enzyme inhibition in sodium-deficient dogs, I-66
True versus immunoreactive angiotensin II in human plasma, I-1
Cytochrome P-450–dependent monooxygenase
Renal arachidonic acid metabolism: the third pathway, I-136

D

Dahl rats
Potassium reduces cerebral hemorrhage and death rate in hypertensive rats, even when blood pressure is not lowered, I-110
Data assessment
A fresh approach to the evaluation of antihypertensive agents, II-143
Death, causes
Continuous ambulatory peritoneal dialysis in diabetic patients: the relationship of hypertension to retinopathy and cardiovascular complications, II-125
Epidemiology of hypertension associated with diabetes mellitus, II-3
Hypertension and cardiovascular risk factors in hemodialyzed diabetic patients, II-118
Survival of diabetic hypertensive patients, II-14
Systolic blood pressure as a predictor for cardiovascular disease in diabetes: a 5-year longitudinal study, II-90
Deoxycorticosterone acetate–salt hypertension
Importance of chloride for deoxycorticosterone acetate–salt hypertension in the rat, I-115
Deoxycorticosterone-salt hypertension
Effects of hypertension on migration and proliferation of smooth muscle in culture, I-101
Diabetes mellitus
See also Insulin-dependent diabetes (type I); Non-insulin-dependent diabetes (type II)
Abnormalities of platelet function in hypertension and diabetes, II-135
Antihypertensive therapy in diabetic patients, II-102
Diabetic control and the renin-angiotensin system, catecholamines, and blood pressure, II-58
Effect of antihypertensive treatment on progression of incipient diabetic nephropathy, II-109
Epidemiology of hypertension associated with diabetes mellitus, II-3
Exchangeable sodium and renin in hypertensive diabetic patients with and without nephropathy, II-43
A fresh approach to the evaluation of antihypertensive agents, II-143
Glucose tolerance during antihypertensive therapy in patients with diabetes mellitus, II-95
Is insulin the link between hypertension and obesity? II-54
Pressor factors and responsiveness in hypertension accompanying diabetes mellitus, II-33
Renal histopathology in hypertensive diabetic patients, II-29
A review of 10 years of experience with indapamide as an antihypertensive agent, II-152
Serum lipoprotein levels during long-term treatment of hypertension with indapamide, II-170
Serum lipoproteins during treatment with the antihypertensive agent indapamide, II-164
Systolic blood pressure as a predictor for cardiovascular disease in diabetes: a 5-year longitudinal study, II-90
United Kingdom Prospective Diabetes Study: III. Prevalence of hypertension and hypotensive therapy in patients with newly diagnosed diabetes, II-8
Diabetic nephropathy
Blood pressure changes and renal function in incipient and overt diabetic nephropathy, II-64
Effect of antihypertensive treatment on progression of incipient diabetic nephropathy, II-109
Effects of long-term antihypertensive treatment on kidney function in diabetic nephropathy, II-114
Exchangeable sodium and renin in hypertensive diabetic patients with and without nephropathy, II-43
Hypertension in diabetes as related to nephropathy: early blood pressure changes, II-18
Natural history of nephropathy in type I diabetes: relationship to metabolic control and blood pressure, II-74
Diabetic retinopathy
Blood pressure and the progression of mild background diabetic retinopathy, II-79
Continuous ambulatory peritoneal dialysis in diabetic patients: the relationship of hypertension to retinopathy and cardiovascular complications, II-125
Natural history of nephropathy in type I diabetes: relationship to metabolic control and blood pressure, II-74
The relationship of the renin-angiotensin system in type I diabetes to microvascular disease, II-84
Dialysis
Continuous ambulatory peritoneal dialysis in diabetic patients: the relationship of hypertension to retinopathy and cardiovascular complications, II-125
Hypertension and cardiovascular risk factors in hemodialyzed diabetic patients, II-118
Diuretics
Antihypertensive therapy in diabetic patients, II-102

Effect of indapamide on blood pressure and glucose tolerance in non-insulin-dependent diabetes, II-161
Glucose tolerance during antihypertensive therapy in patients with diabetes mellitus, II-95
Indapamide in the treatment of hypertension in non-insulin-dependent diabetes, II-157
A review of 10 years of experience with indapamide as an antihypertensive agent, II-152
Serum lipoprotein levels during long-term treatment of hypertension with indapamide, II-170
Serum lipoproteins during treatment with the antihypertensive agent indapamide, II-164
DNA, complementary
Molecular studies of the atrial natriuretic factor gene, I-31
Dog, *see* Animal studies, dog
Drug evaluation
A fresh approach to the evaluation of antihypertensive agents, II-143

E

Enalaprilat
Comparison of renin and converting enzyme inhibition in sodium-deficient dogs, I-66
Increased plasma renin during renin inhibition: studies with a novel immunoassay, I-61
Endothelium-dependent relaxation
Endothelium-derived vascular relaxing factor, I-94
Epidemiology
Epidemiology of hypertension associated with diabetes mellitus, II-3
Essential hypertension
Plasma chromogranin A: initial studies in human hypertension, I-76
Sex differences in the endocrine predictors of essential hypertension: vasopressin versus renin, I-151
Unconjugated and conjugated urinary 19-nor-deoxycorticosterone glucosiduronate: elevated levels in essential hypertension, I-12
Extracellular fluid volume
Importance of chloride for deoxycorticosterone acetate–salt hypertension in the rat, I-115

F

Fundus photography
Blood pressure and the progression of mild background diabetic retinopathy, II-79
Furosemide
Role of the macula densa in renin release, I-49

G

Glomerulonephritis
Renal histopathology in hypertensive diabetic patients, II-29
Glomerulosclerosis
Hypertension as related to renal function in diabetes mellitus, II-21
Renal histopathology in hypertensive diabetic patients, II-29
Glucose tolerance
Effect of indapamide on blood pressure and glucose tolerance in non-insulin-dependent diabetes, II-161
Glucose tolerance during antihypertensive therapy in patients with diabetes mellitus, II-95
Indapamide in the treatment of hypertension in non-insulin-dependent diabetes, II-157
Is insulin the link between hypertension and obesity? II-54
Goldblatt hypertension
The antihypertensive function of the kidney: its elucidation by captopril plus unclipping, I-127
Effect of atrial natriuretic factor on blood pressure, renin, and aldosterone in Goldblatt hypertension, I-43
Importance of chloride for deoxycorticosterone acetate–salt hypertension in the rat, I-115
Intrarenal adenosine produces hypertension via renal nerves in the one-kidney, one clip rat, I-88
Synthetic atrial natriuretic factor in conscious normotensive and hypertensive rats, I-35
Guanylate cyclase
Endothelium-derived vascular relaxing factor, I-94

H

Hyperglycemia
Glucose tolerance during antihypertensive therapy in patients with diabetes mellitus, II-95
Hyperinsulinemia
Is insulin the link between hypertension and obesity? II-54
Hypertension, *see*
Deoxycorticosterone acetate–salt hypertension
Deoxycorticosterone-salt hypertension
Essential hypertension
Goldblatt hypertension
Mineralocorticoid hypertension
Renal hypertension
Hypertension prevalence
Epidemiology of hypertension associated with diabetes mellitus, II-3
United Kingdom Prospective Diabetes Study: III. Prevalence of hypertension and hypotensive therapy in patients with newly diagnosed diabetes, II-8
Hypertrophy, left ventricular
β-Adrenergic and cholinergic receptors in hypertension-induced hypertrophy, I-55

I

Indapamide
Effect of indapamide on blood pressure and glucose tolerance in non-insulin-dependent diabetes, II-161
A fresh approach to the evaluation of antihypertensive agents, II-143
Indapamide in the treatment of hypertension in non-insulin-dependent diabetes, II-157
A review of 10 years of experience with indapamide as an antihypertensive agent, II-152
Serum lipoprotein levels during long-term treatment of hypertension with indapamide, II-170
Serum lipoproteins during treatment with the antihypertensive agent indapamide, II-164
Insulin
Effect of exogenous insulin on blood pressure regulation in healthy and diabetic subjects, II-49
Is insulin the link between hypertension and obesity? II-54
Insulin-dependent diabetes (type I)
Adverse impact of hypertension on diabetic recipients of transplanted kidneys, II-131
Blood pressure and the progression of mild background diabetic retinopathy, II-79
Blood pressure changes and renal function in incipient and overt diabetic nephropathy, II-64
Continuous ambulatory peritoneal dialysis in diabetic patients: the relationship of hypertension to retinopathy and cardiovascular complications, II-125
Effect of exogenous insulin on blood pressure regulation in healthy and diabetic subjects, II-49
Effects of long-term antihypertensive treatment on kidney function in diabetic nephropathy, II-114
Hypertension and cardiovascular risk factors in hemodialyzed diabetic patients, II-118

Hypertension as related to renal function in diabetes mellitus, II-21
Hypertension in diabetes as related to nephropathy: early blood pressure changes, II-18
Natural history of nephropathy in type I diabetes: relationship to metabolic control and blood pressure, II-74
The relationship of the renin-angiotensin system in type I diabetes to microvascular disease, II-84
Survival of diabetic hypertensive patients, II-14

K

Kallikrein inhibitors
Specificity of substrate analogue inhibitors of human urinary kallikrein, I-72
Ketoacidosis
Diabetic control and the renin-angiotensin system, catecholamines, and blood pressure, II-58
Kidney transplantation
Adverse impact of hypertension on diabetic recipients of transplanted kidneys, II-131
Kininogen
Specificity of substrate analogue inhibitors of human urinary kallikrein, I-72

L

Lipoprotein metabolism
Serum lipoprotein levels during long-term treatment of hypertension with indapamide, II-170
Serum lipoproteins during treatment with the antihypertensive agent indapamide, II-164

M

Macroangiopathy, *see* Macrovascular disease
Macrovascular disease
Abnormalities of platelet function in hypertension and diabetes, II-135
Epidemiology of hypertension associated with diabetes mellitus, II-3
Hypertension and cardiovascular risk factors in hemodialyzed diabetic patients, II-118
Systolic blood pressure as a predictor for cardiovascular disease in diabetes: a 5-year longitudinal study, II-90
Macula densa
Role of the macula densa in renin release, I-49
Marion Award, 1984
Marion Hypertension Research Clinical Fellowship Award, I-163
Maturity-onset diabetes
United Kingdom Prospective Diabetes Study: III. Prevalence of hypertension and hypotensive therapy in patients with newly diagnosed diabetes, II-8
γ_2-Melanocyte-stimulating hormone
Sympathetic nervous system mediation of acute cardiovascular actions of γ_2-melanocyte-stimulating hormone, I-145
Metabolic control
Diabetic control and the renin-angiotensin system, catecholamines, and blood pressure, II-58
Natural history of nephropathy in type I diabetes: relationship to metabolic control and blood pressure, II-74
Metoprolol
Effect of antihypertensive treatment on progression of incipient diabetic nephropathy, II-109
Effects of long-term antihypertensive treatment on kidney function in diabetic nephropathy, II-114
Microalbuminuria
Blood pressure changes and renal function in incipient and overt diabetic nephropathy, II-64
Effect of antihypertensive treatment on progression of incipient diabetic nephropathy, II-109
Microangiopathy, *see* Microvascular disease
Microvascular disease
Epidemiology of hypertension associated with diabetes mellitus, II-3
The relationship of the renin-angiotensin system in type I diabetes to microvascular disease, II-84
Mineralocorticoid hypertension
Synthetic atrial natriuretic factor in conscious normotensive and hypertensive rats, I-35
Monkey, *see* Animal studies, monkey
Mortality, *see* Death, causes

N

Na,K-ATPase
Renal arachidonic acid metabolism: the third pathway, I-136
National Heart, Lung, and Blood Institute report
Report from the National Heart, Lung, and Blood Institute, I-161
Non-insulin-dependent diabetes (type II)
Adverse impact of hypertension on diabetic recipients of transplanted kidneys, II-131
Blood pressure and the progression of mild background diabetic retinopathy, II-79
Blood pressure changes and renal function in incipient and overt diabetic nephropathy, II-64
Effect of indapamide on blood pressure and glucose tolerance in non-insulin-dependent diabetes, II-161
Hypertension and cardiovascular risk factors in hemodialyzed diabetic patients, II-118
Hypertension as related to renal function in diabetes mellitus, II-21
Indapamide in the treatment of hypertension in non-insulin-dependent diabetes, II-157
Survival of diabetic hypertensive patients, II-14
19-Nor-deoxycorticosterone
Unconjugated and conjugated urinary 19-nor-deoxycorticosterone glucosiduronate: elevated levels in essential hypertension, I-12
Norepinephrine
Oscillatory contractions in tail arteries from genetically hypertensive rats, I-25
Nucleotide sequence analysis
Molecular studies of the atrial natriuretic factor gene, I-31

O

Obesity
Is insulin the link between hypertension and obesity? II-54

P

Peptide extraction
True versus immunoreactive angiotensin II in human plasma, I-1
Pheochromocytoma
Plasma chromogranin A: initial studies in human hypertension, I-76
Treatment of malignant pheochromocytoma with combination chemotherapy, I-18
Plasma renin activity
Comparison of renin and converting enzyme inhibition in sodium-deficient dogs, I-66
Increased plasma renin during renin inhibition: studies with a novel immunoassay, I-61

The relationship of the renin-angiotensin system in type I diabetes to microvascular disease, II-84
Sex differences in the endocrine predictors of essential hypertension: vasopressin versus renin, I-151
Platelet aggregation
Abnormalities of platelet function in hypertension and diabetes, II-135
Potassium supplements
Potassium reduces cerebral hemorrhage and death rate in hypertensive rats, even when blood pressure is not lowered, I-110
Preprohormone
Molecular studies of the atrial natriuretic factor gene, I-31
Pressor response
Effect of exogenous insulin on blood pressure regulation in healthy and diabetic subjects, II-49
Pressor factors and responsiveness in hypertension accompanying diabetes mellitus, II-33
Proteinuria
Blood pressure changes and renal function in incipient and overt diabetic nephropathy, II-64
Effects of long-term antihypertensive treatment on kidney function in diabetic nephropathy, II-114
Exchangeable sodium and renin in hypertensive diabetic patients with and without nephropathy, II-43
Hypertension as related to renal function in diabetes mellitus, II-21
Hypertension in diabetes as related to nephropathy: early blood pressure changes, II-18
Natural history of nephropathy in type I diabetes: relationship to metabolic control and blood pressure, II-74

Q

Quin 2
Angiotensin increases cytosolic free calcium in cultured vascular smooth muscle cells, I-105

R

Rabbit, *see* Animal studies, rabbit
Rat, *see* Animal studies, rat
Renal allograft survival
Adverse impact of hypertension on diabetic recipients of transplanted kidneys, II-131
Renal function
Blood pressure changes and renal function in incipient and overt diabetic nephropathy, II-64
Effects of long-term antihypertensive treatment on kidney function in diabetic nephropathy, II-114
Hypertension as related to renal function in diabetes mellitus, II-21
Renal histopathology
Renal histopathology in hypertensive diabetic patients, II-29
Renal hypertension
β-Adrenergic and cholinergic receptors in hypertension-induced hypertrophy, I-55
The anteroventral third ventricle region: participation in the regulation of blood pressure in conscious dogs, I-80
Renal papilla
The antihypertensive function of the kidney: its elucidation by captopril plus unclipping, I-127
Renin-angiotensin system
Diabetic control and the renin-angiotensin system, catecholamines, and blood pressure, II-58
Exchangeable sodium and renin in hypertensive diabetic patients with and without nephropathy, II-43
Pressor factors and responsiveness in hypertension accompanying diabetes mellitus, II-33
The relationship of the renin-angiotensin system in type I diabetes to microvascular disease, II-84
Renin inhibitors
Comparison of renin and converting enzyme inhibition in sodium-deficient dogs, I-66
Highly potent and specific inhibitors of human renin, I-8
Increased plasma renin during renin inhibition: studies with a novel immunoassay, I-61
Renin release
Increased plasma renin during renin inhibition: studies with a novel immunoassay, I-61
Role of the macula densa in renin release, I-49
Research
Report from the National Heart, Lung, and Blood Institute, I-161
Risk factors
Adverse impact of hypertension on diabetic recipients of transplanted kidneys, II-131
Continuous ambulatory peritoneal dialysis in diabetic patients: the relationship of hypertension to retinopathy and cardiovascular complications, II-125
Epidemiology of hypertension associated with diabetes mellitus, II-3
Hypertension and cardiovascular risk factors in hemodialyzed diabetic patients, II-118
Systolic blood pressure as a predictor for cardiovascular disease in diabetes: a 5-year longitudinal study, II-90

S

Sex differences
Sex differences in the endocrine predictors of essential hypertension: vasopressin versus renin, I-151
Sodium channel blockers
Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents, I-121
Sodium chloride
Importance of chloride for deoxycorticosterone acetate–salt hypertension in the rat, I-115
Sodium, exchangeable
Effect of exogenous insulin on blood pressure regulation in healthy and diabetic subjects, II-49
Exchangeable sodium and renin in hypertensive diabetic patients with and without nephropathy, II-43
Pressor factors and responsiveness in hypertension accompanying diabetes mellitus, II-33
Sodium excretion
Sex differences in the endocrine predictors of essential hypertension: vasopressin versus renin, I-151
Spontaneously hypertensive rats
Abnormalities of platelet function in hypertension and diabetes, II-135
Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents, I-121
Statine
Highly potent and specific inhibitors of human renin, I-8
Stroke-prone spontaneously hypertensive rats
Oscillatory contractions in tail arteries from genetically hypertensive rats, I-25
Potassium reduces cerebral hemorrhage and death rate in hypertensive rats, even when blood pressure is not lowered, I-110
Substrate analogue peptides
Specificity of substrate analogue inhibitors of human urinary kallikrein, I-72
Survival
Adverse impact of hypertension on diabetic recipients of transplanted kidneys, II-131
Survival of diabetic hypertensive patients, II-14
Sympathetic nervous system
Intrarenal adenosine produces hypertension via renal nerves in the one-kidney, one clip rat, I-88
Plasma chromogranin A: initial studies in human hypertension, I-76
Sympathetic nervous system mediation of acute cardiovascular actions of γ_2-melanocyte-stimulating hormone, I-145

Sympatholytic agents
Antihypertensive therapy in diabetic patients, II-102
Systolic blood pressure
Blood pressure and the progression of mild background diabetic retinopathy, II-79
Systolic blood pressure as a predictor for cardiovascular disease in diabetes: a 5-year longitudinal study, II-90

T

Tripeptide analogues
Highly potent and specific inhibitors of human renin, I-8

U

United Kingdom Prospective Diabetes Study
United Kingdom Prospective Diabetes Study: III. Prevalence of hypertension and hypotensive therapy in patients with newly diagnosed diabetes, II-8

V

Vascular smooth muscle
Angiotensin increases cytosolic free calcium in cultured vascular smooth muscle cells, I-105
Effects of hypertension on migration and proliferation of smooth muscle in culture, I-101
Endothelium-derived vascular relaxing factor, I-94
Vasodilators
Antihypertensive therapy in diabetic patients, II-102
Endothelium-derived vascular relaxing factor, I-94
Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents, I-121
Vasopressin
Sex differences in the endocrine predictors of essential hypertension: vasopressin versus renin, I-151